

FIG. 1

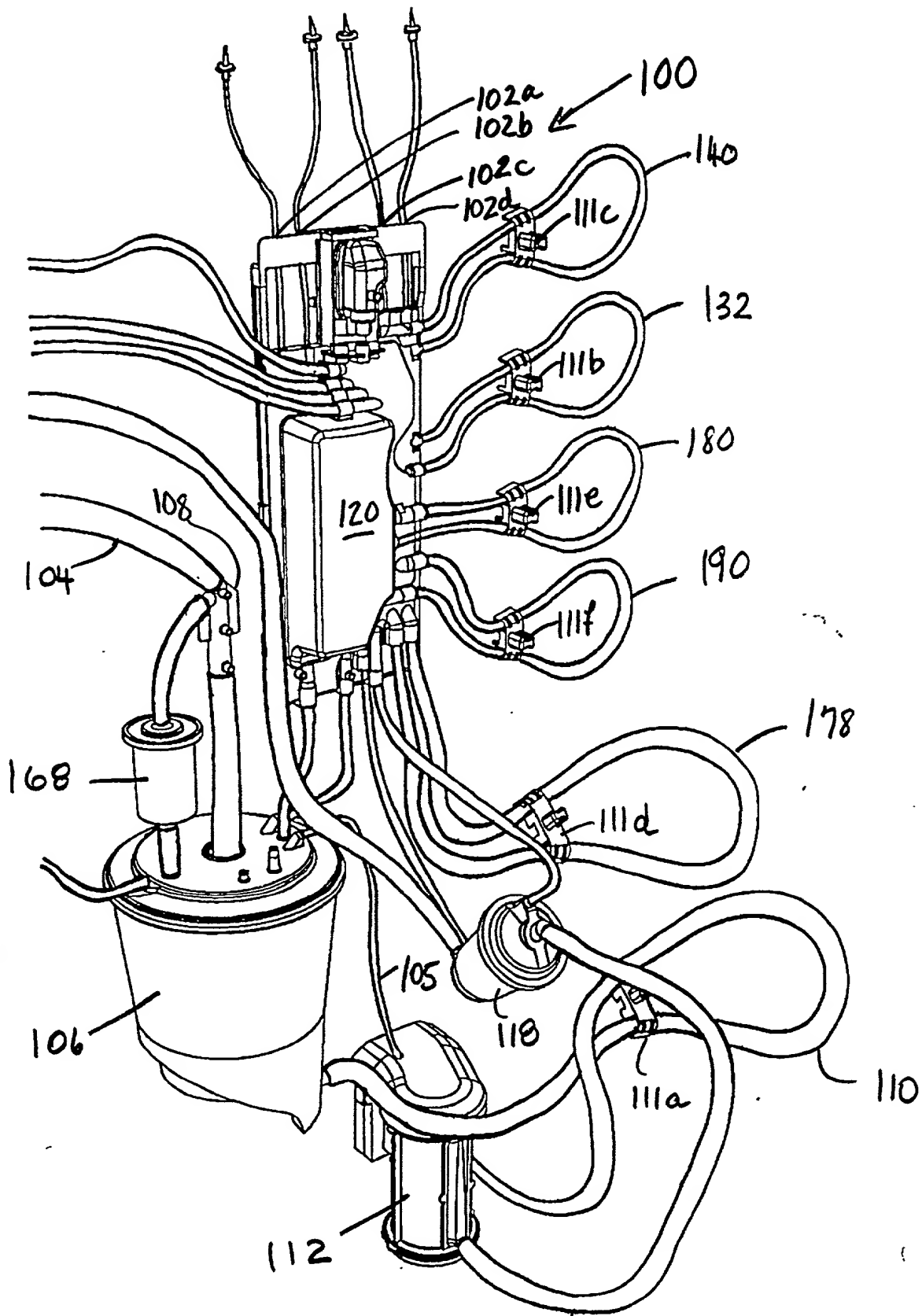


FIG. 2A

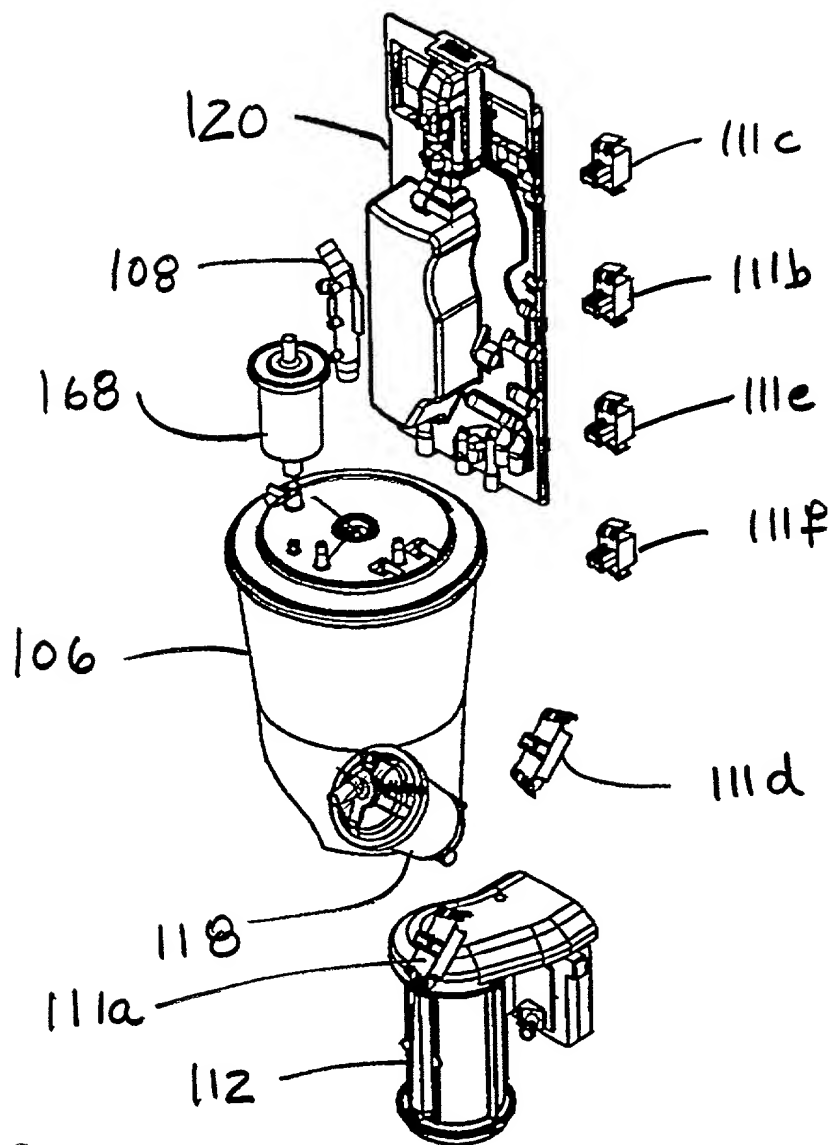


FIG. 2B

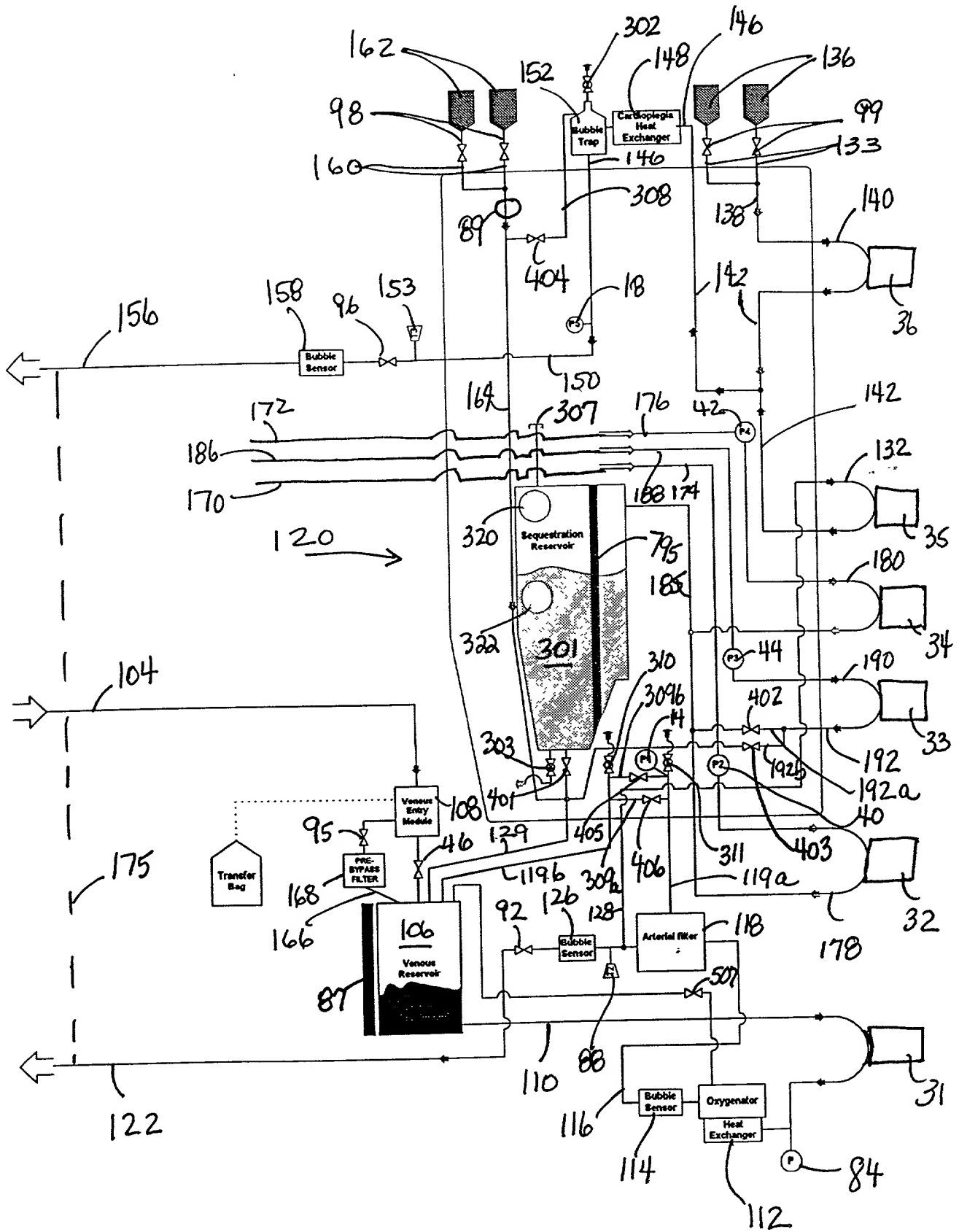


FIG. 3A



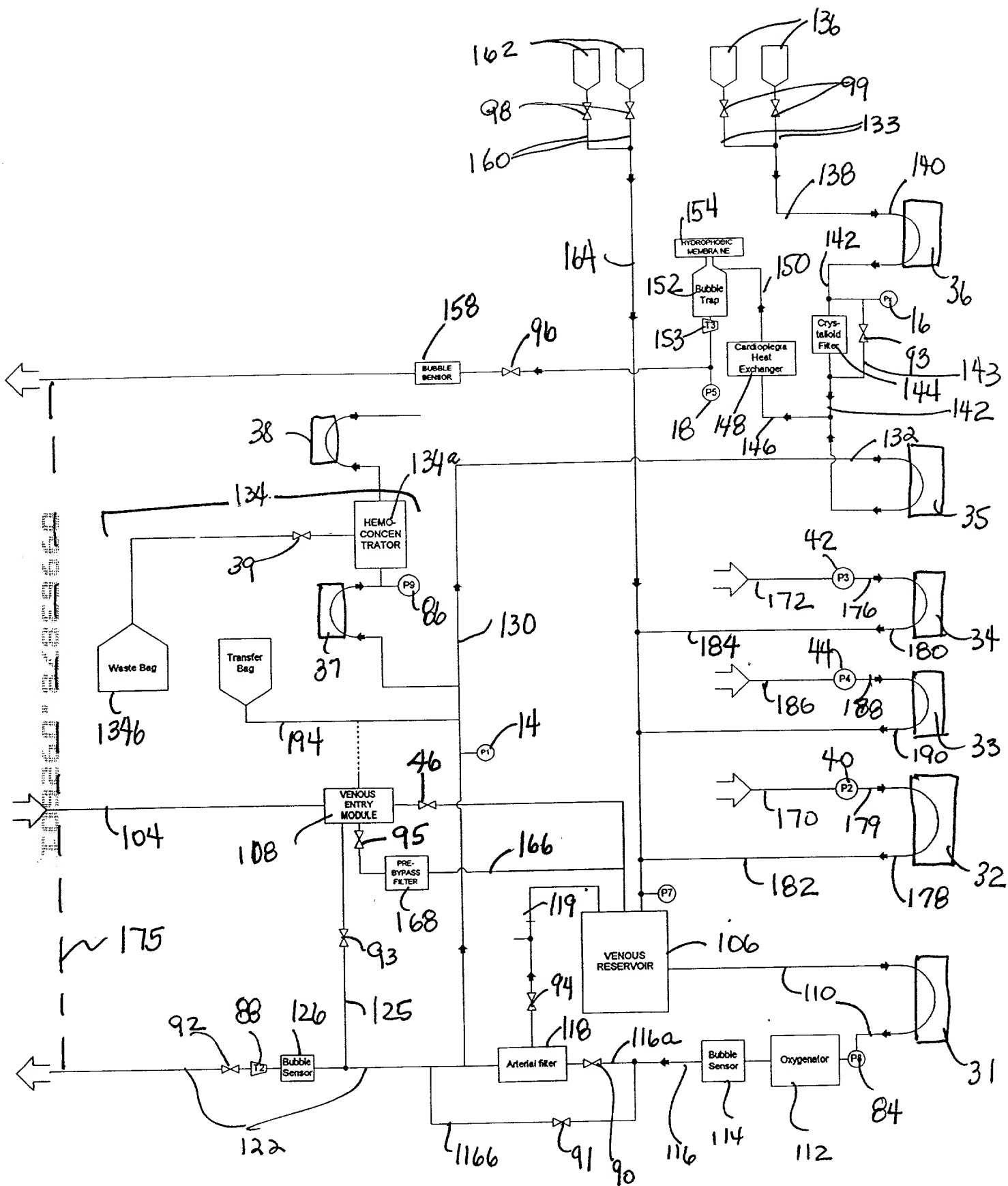
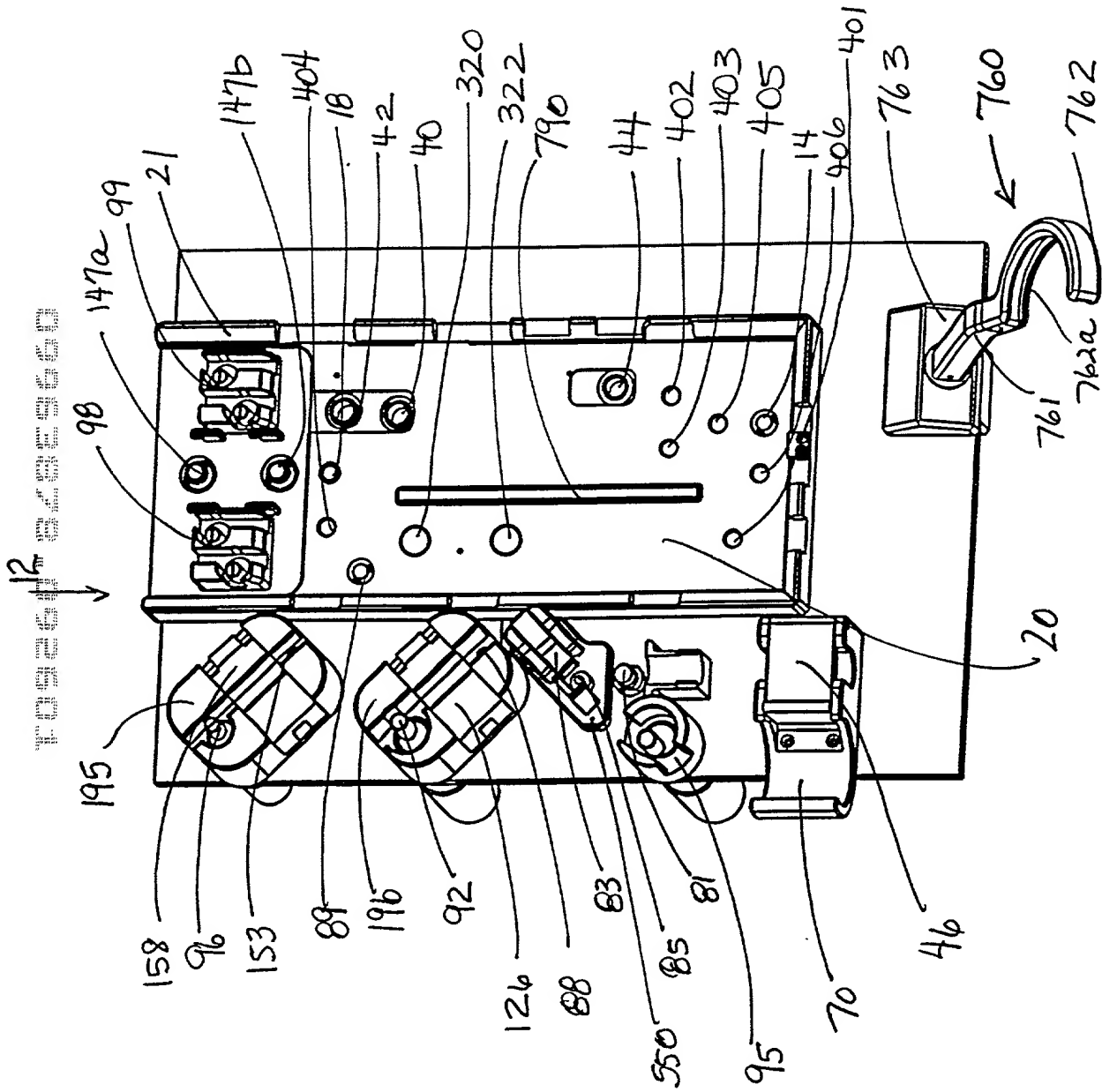


FIG. 3B



F/6.4

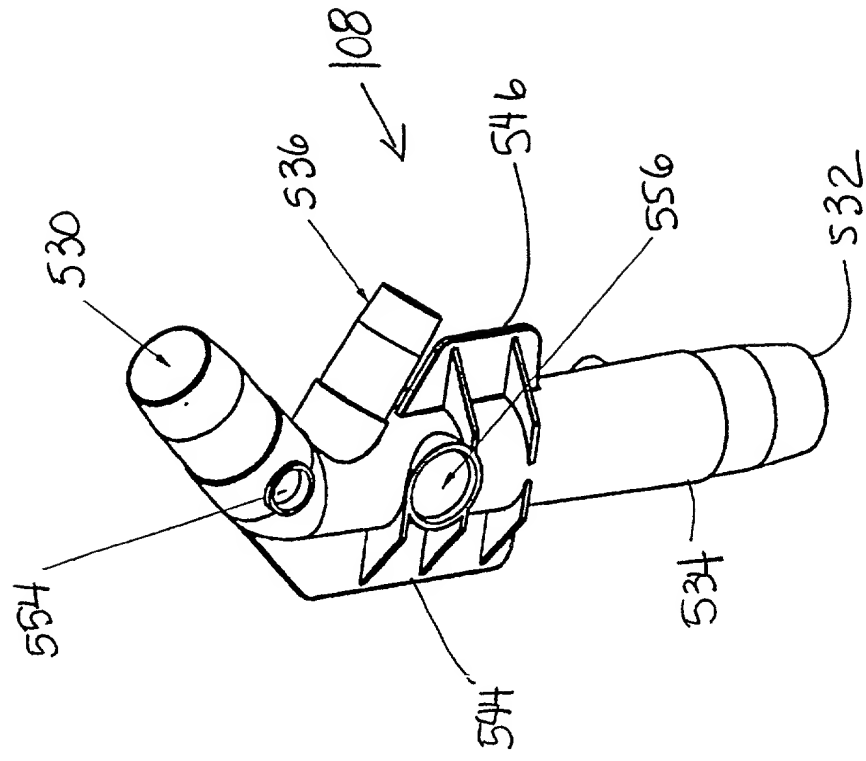


FIG. 5A

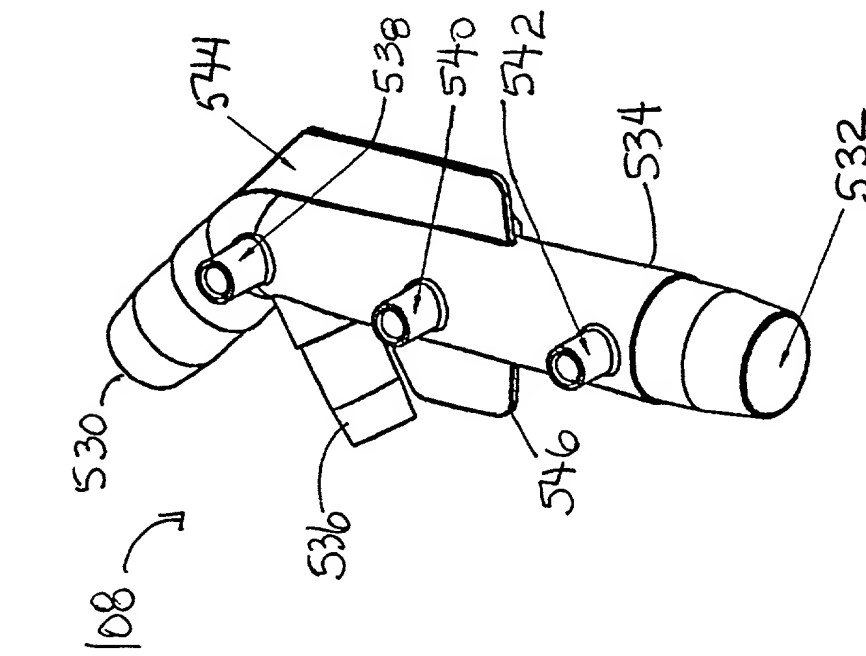


FIG. 5B

FIG. 5D is a perspective view of the microscope assembly 500, showing the base 83, the stage 552, the objective lenses 548, 549, 550, 551, 552, and the eyepiece 543.

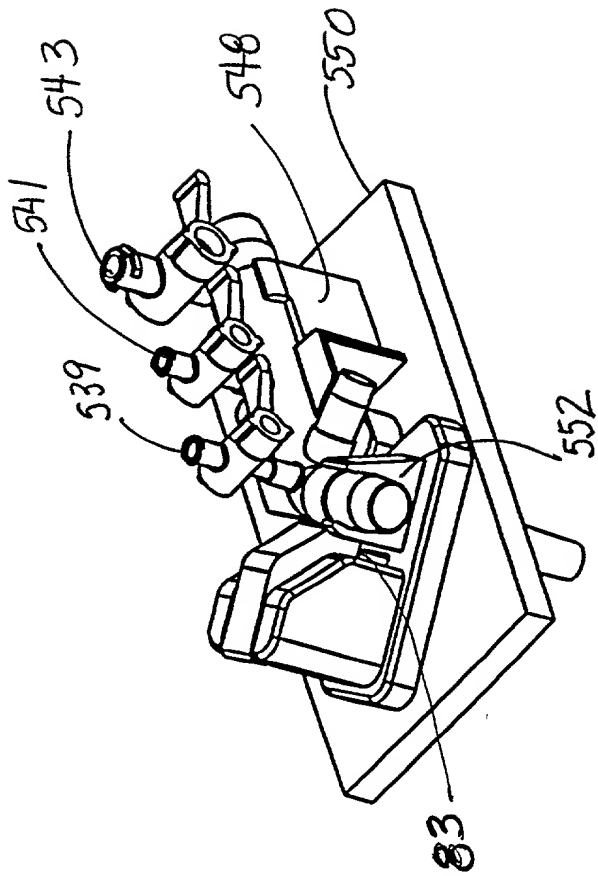


FIG. 5D

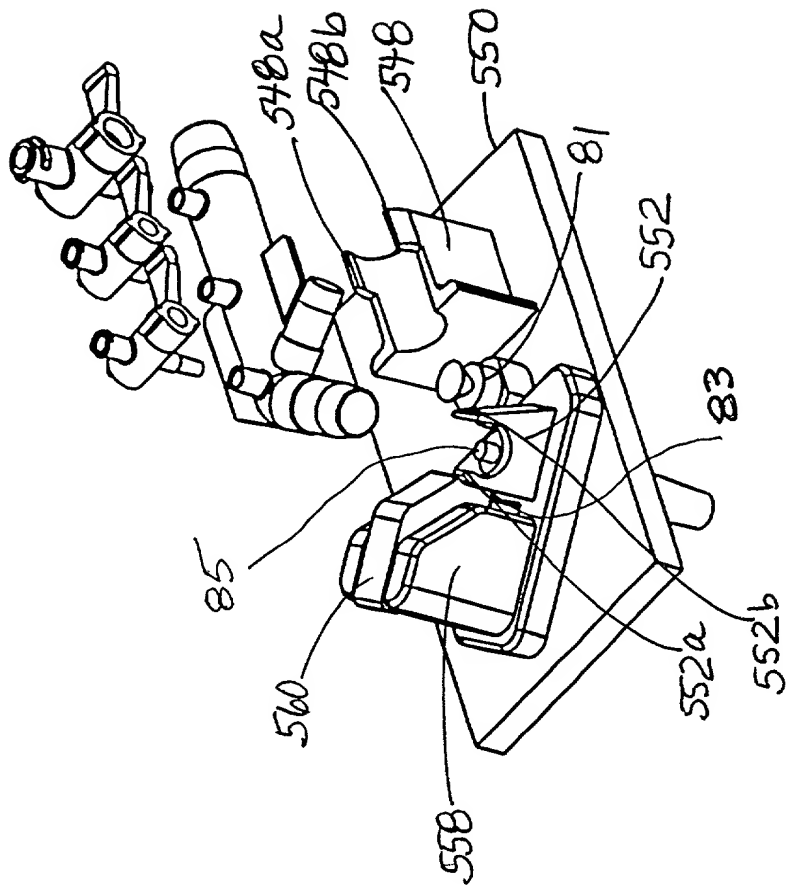


FIG. 5C

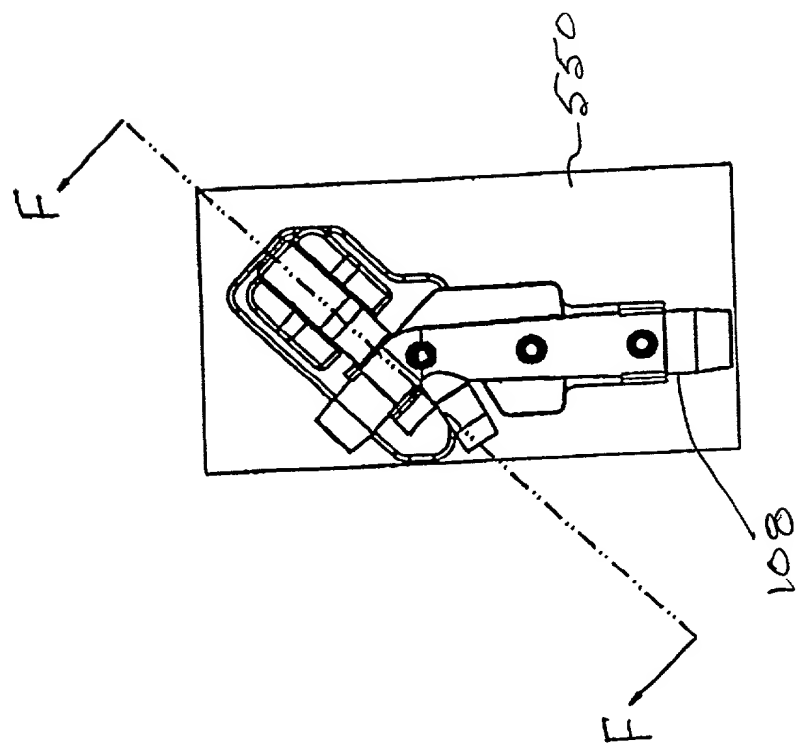


FIG. 5E

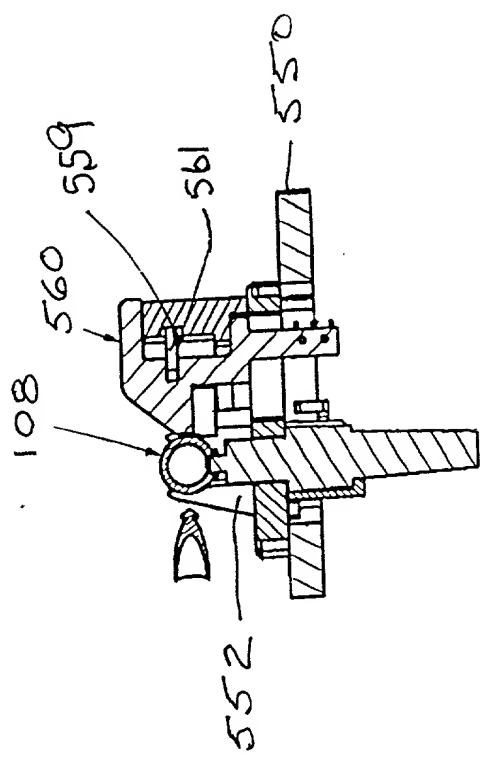


FIG. 5F

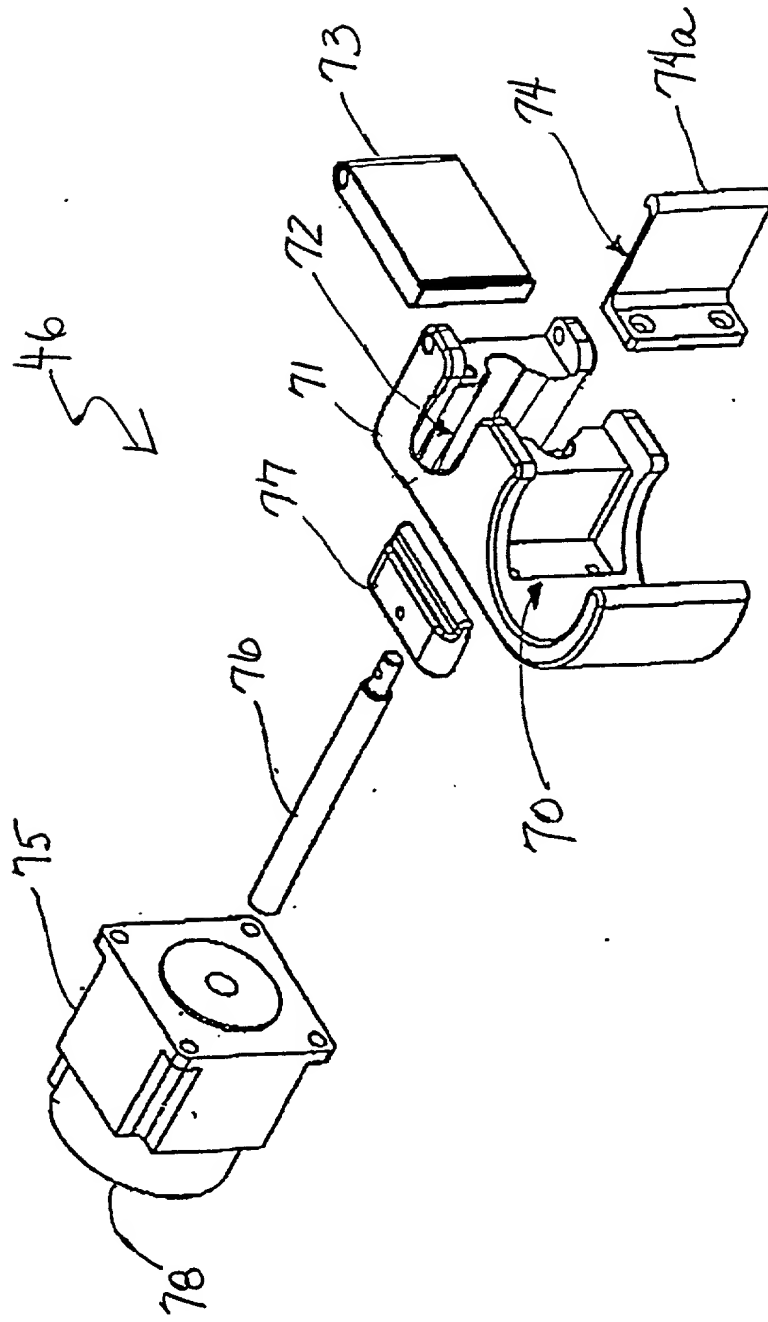
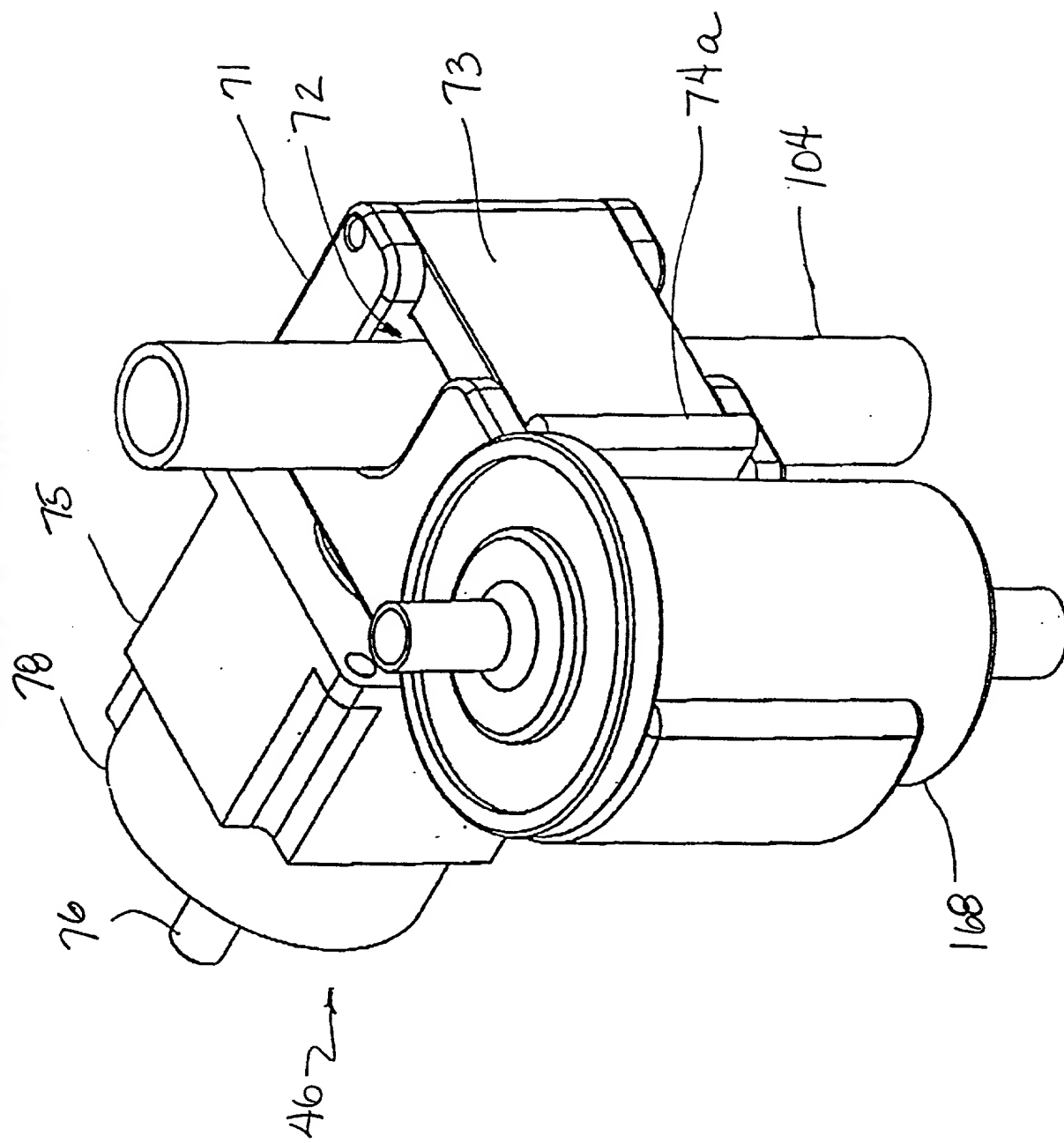


FIG. 6A



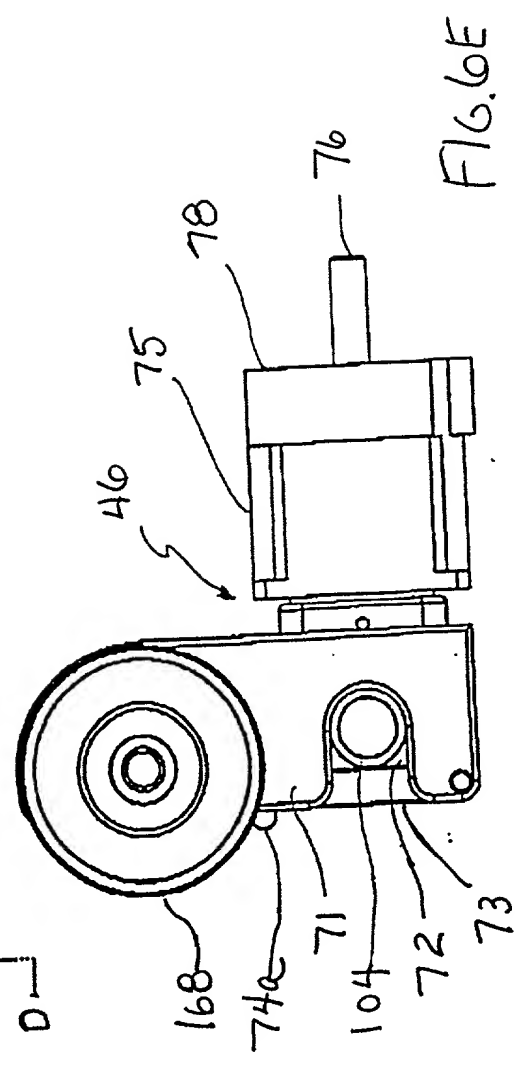
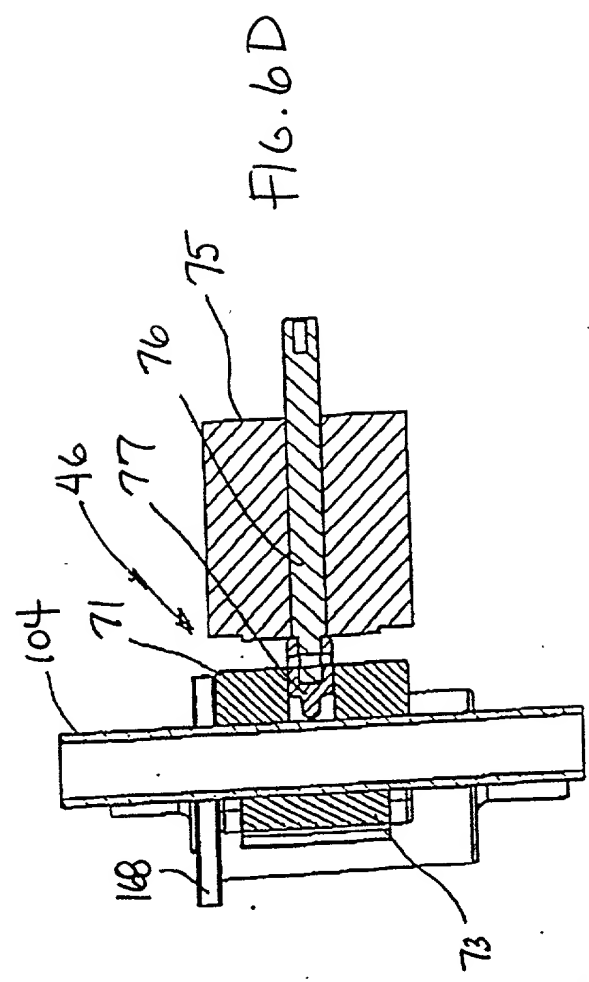
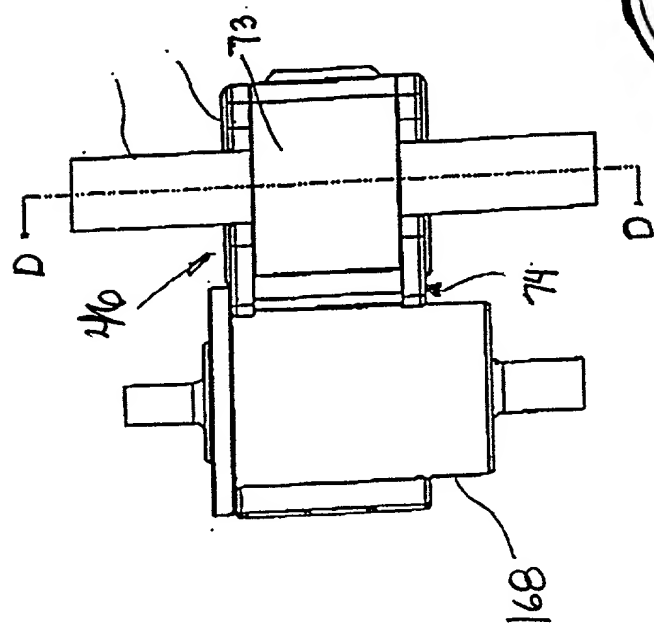


FIG. 6C

FIG. 6D

FIG. 6E



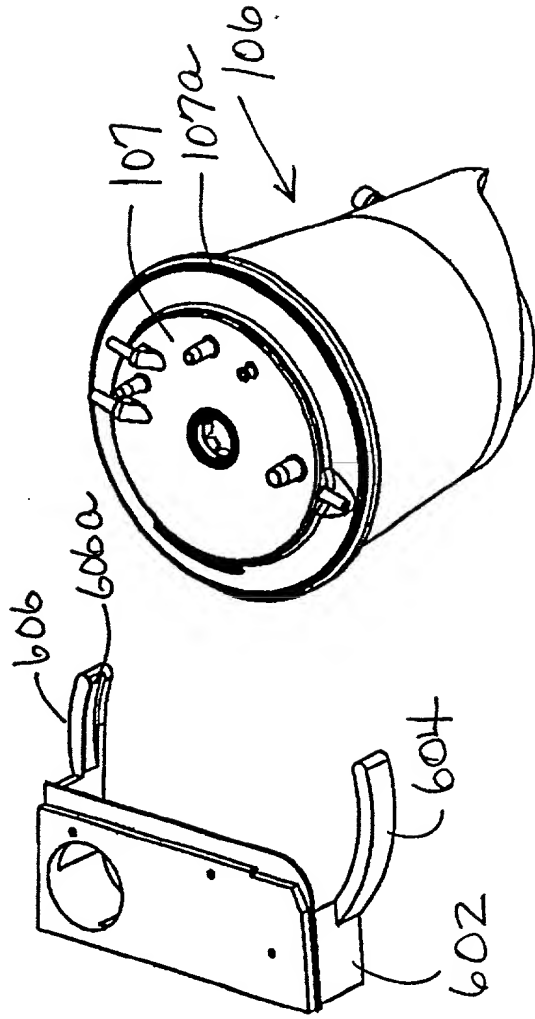


FIG. 7A

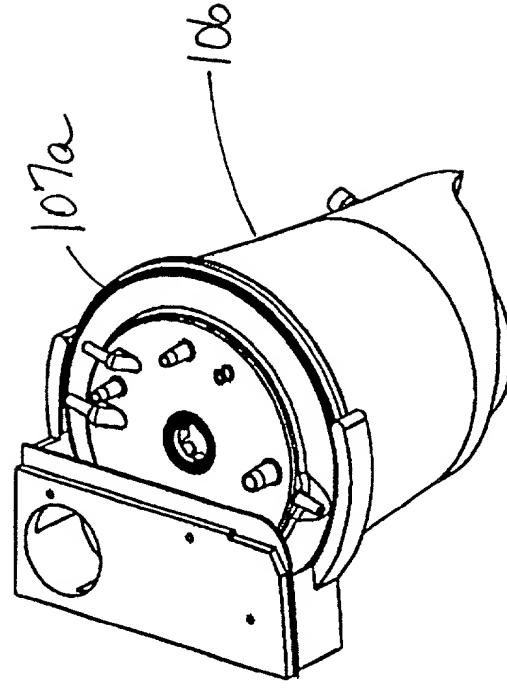


FIG. 7B

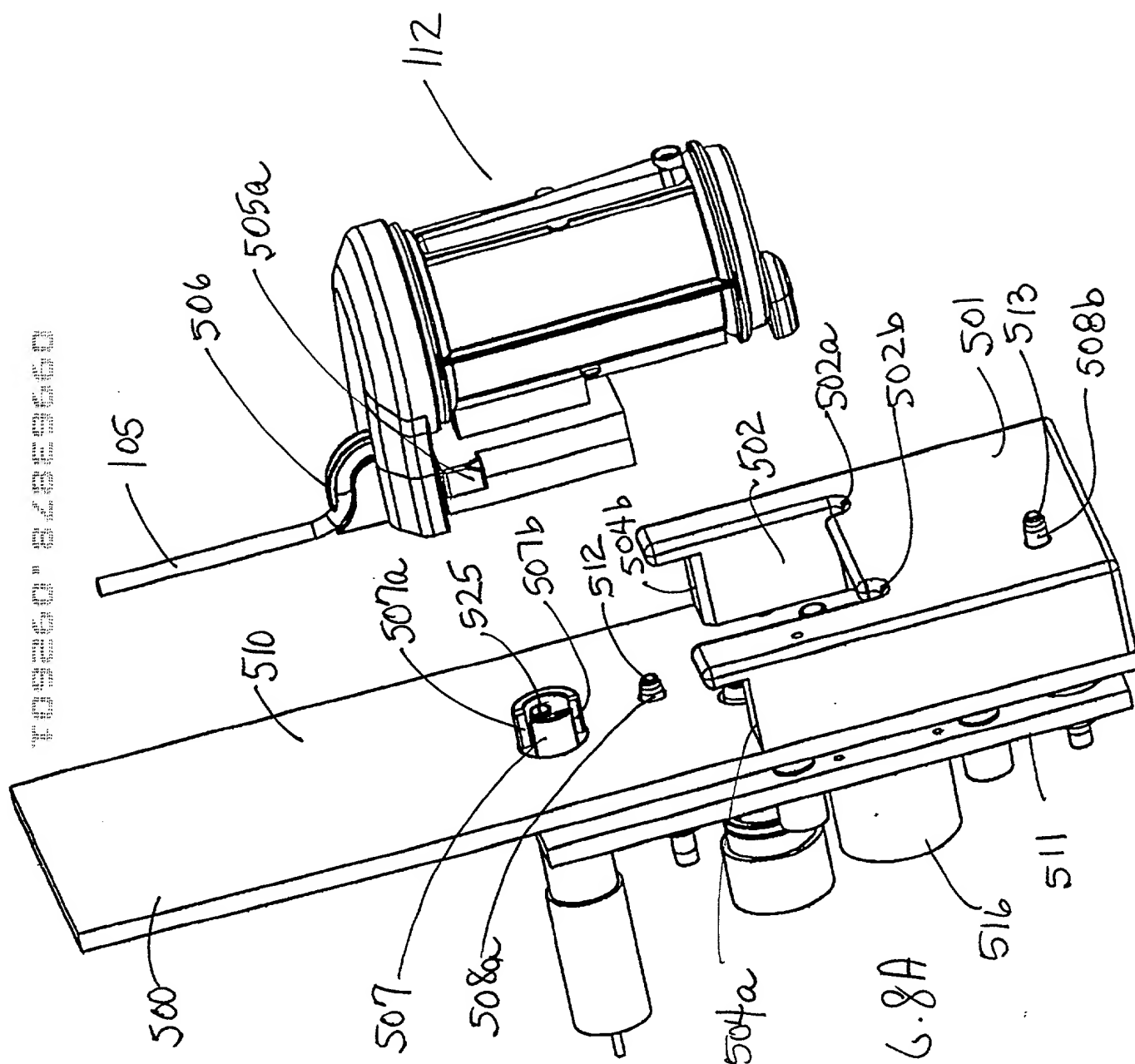


FIG. 8B

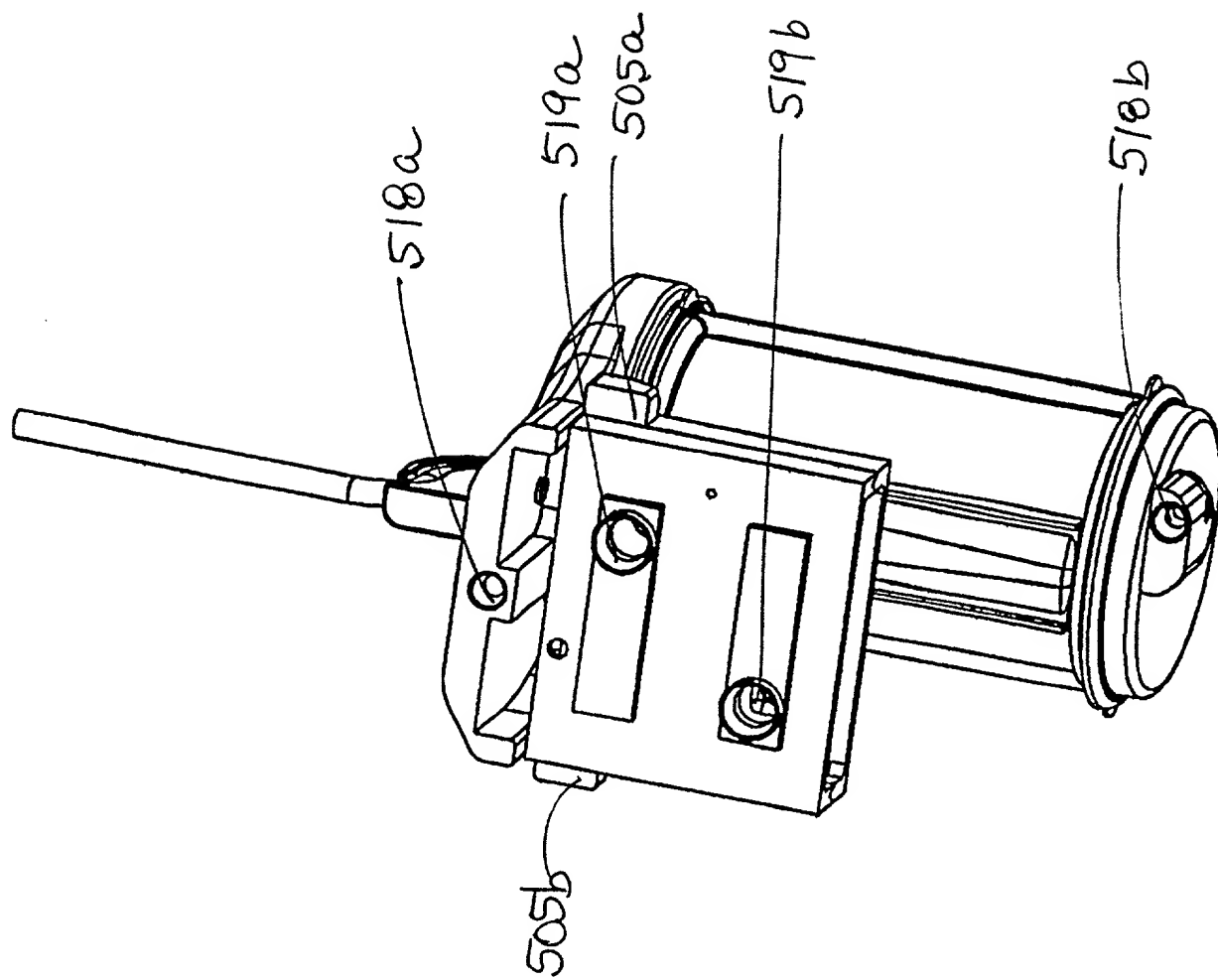


FIG. 10

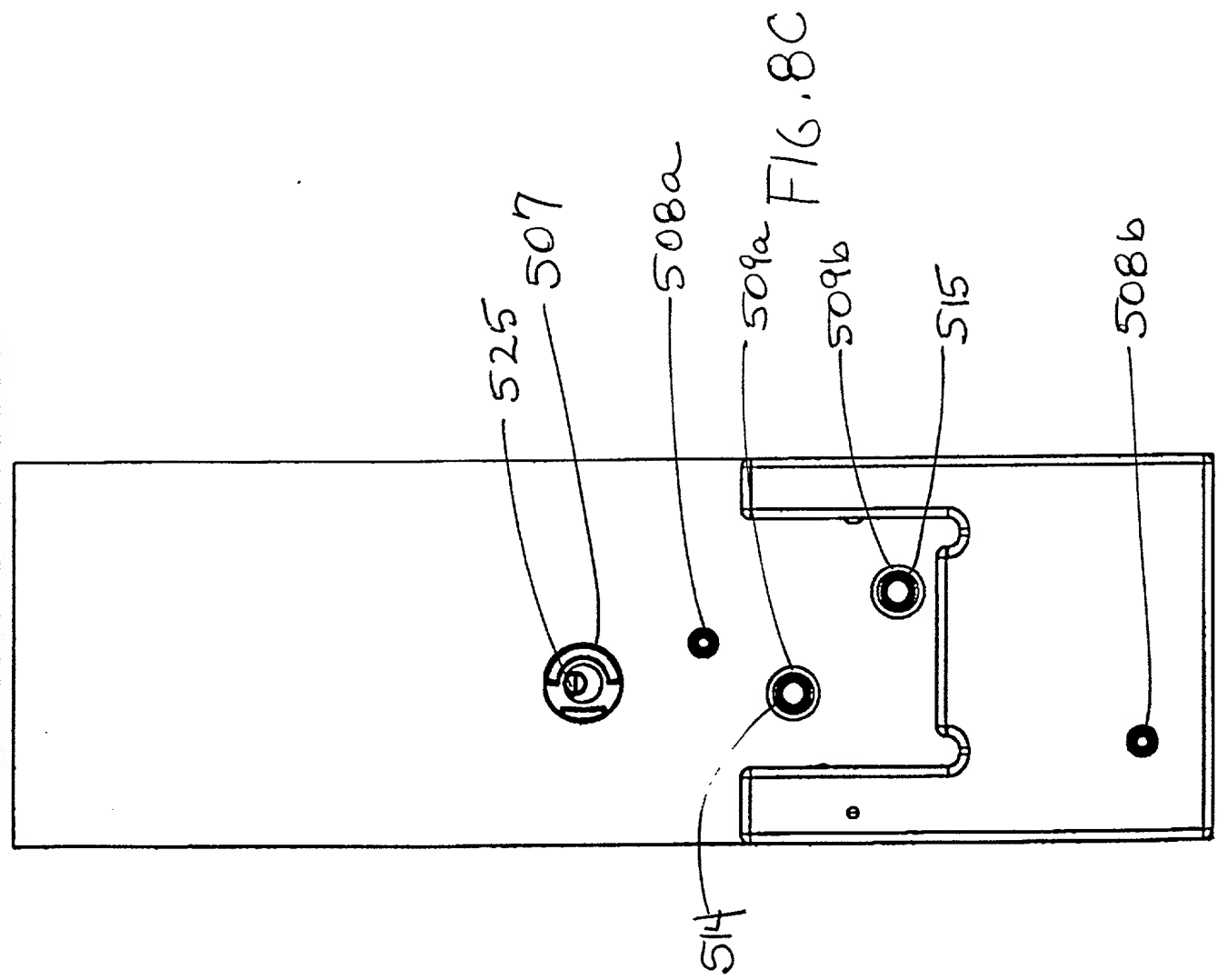
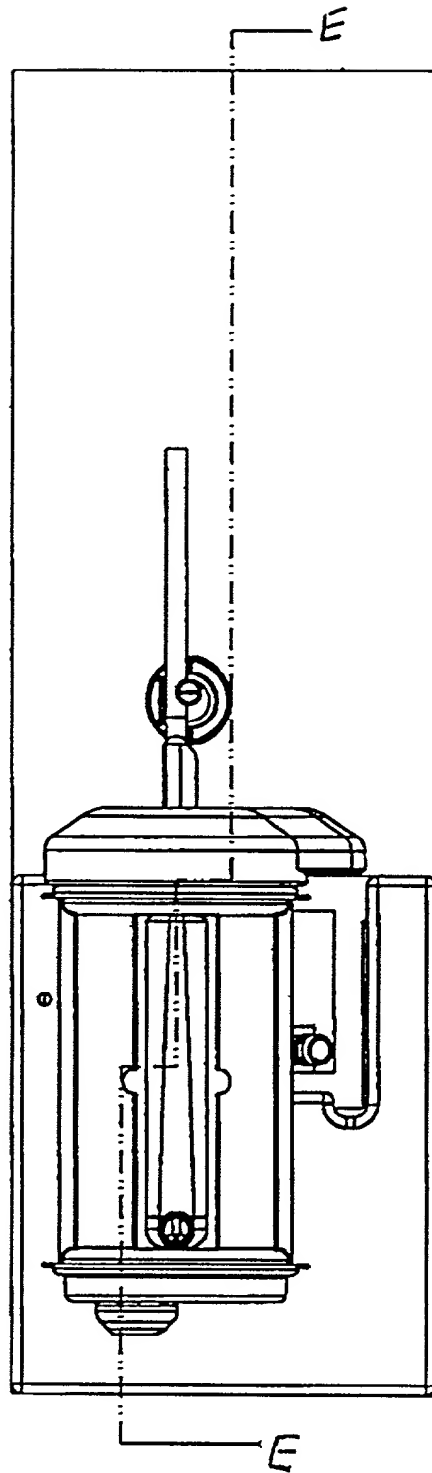


FIG. 8D



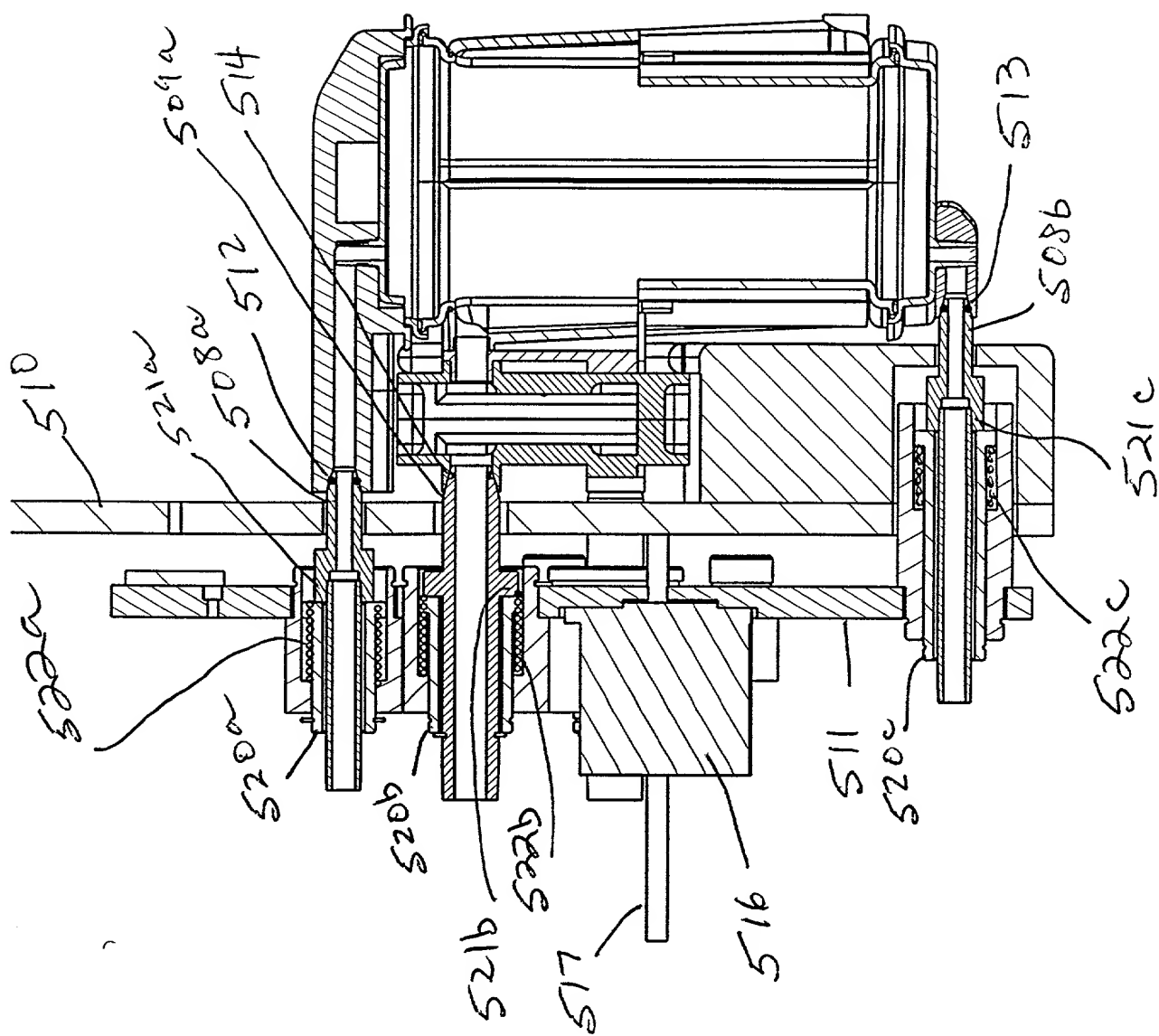


Fig. 6.

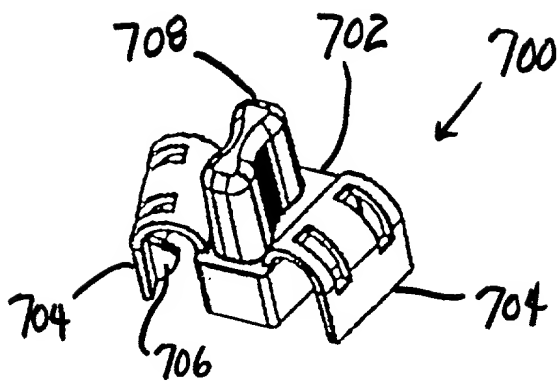


FIG. 9A

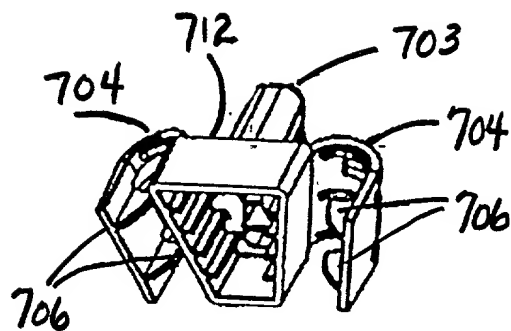


FIG. 9B

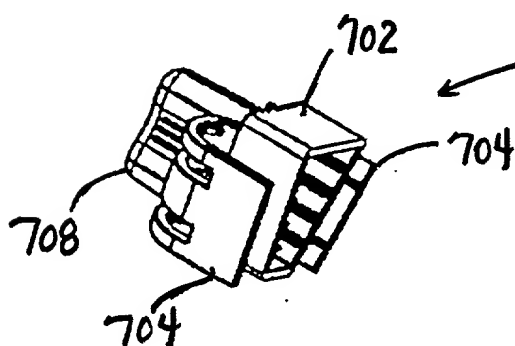


FIG. 9C

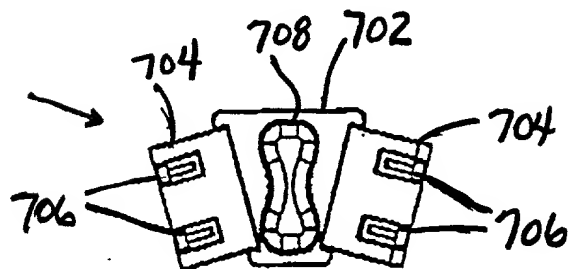


FIG. 9D

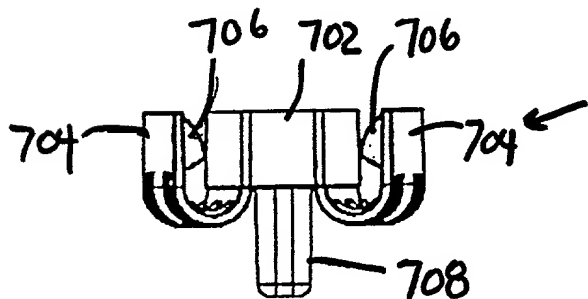


FIG. 9E

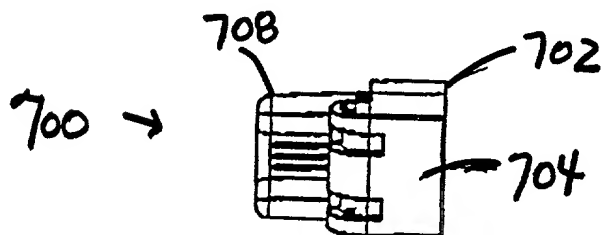


FIG. 9F

FIG. 10A

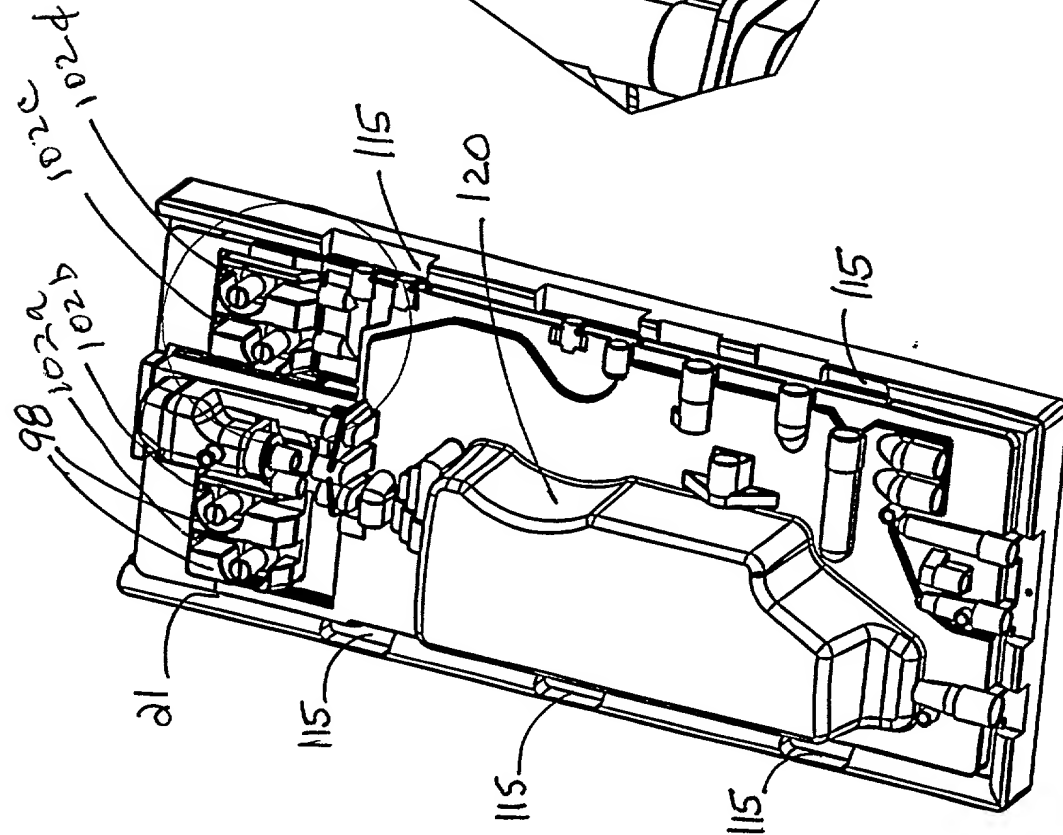


FIG. 10A

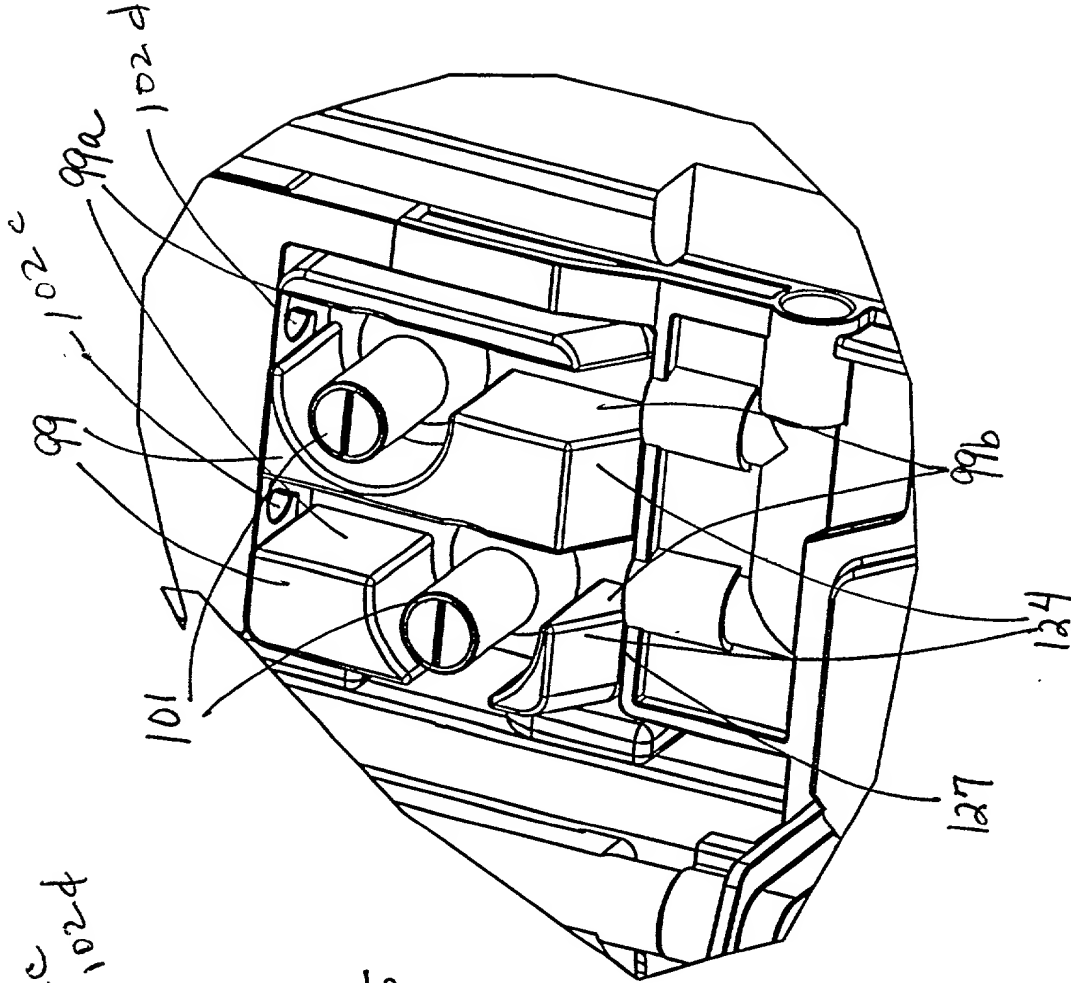


FIG. 10B



FIG. 10C is a perspective view of the device 100 in an open position, showing the internal components and the hinge mechanism. The device 100 is shown in a perspective view, with the top cover 21 and the bottom cover 115 separated. The hinge mechanism 121 is visible, connecting the two covers. The internal components, including the display 117 and the battery 115, are shown within the bottom cover 115. The device 100 is shown in a perspective view, with the top cover 21 and the bottom cover 115 separated. The hinge mechanism 121 is visible, connecting the two covers. The internal components, including the display 117 and the battery 115, are shown within the bottom cover 115.

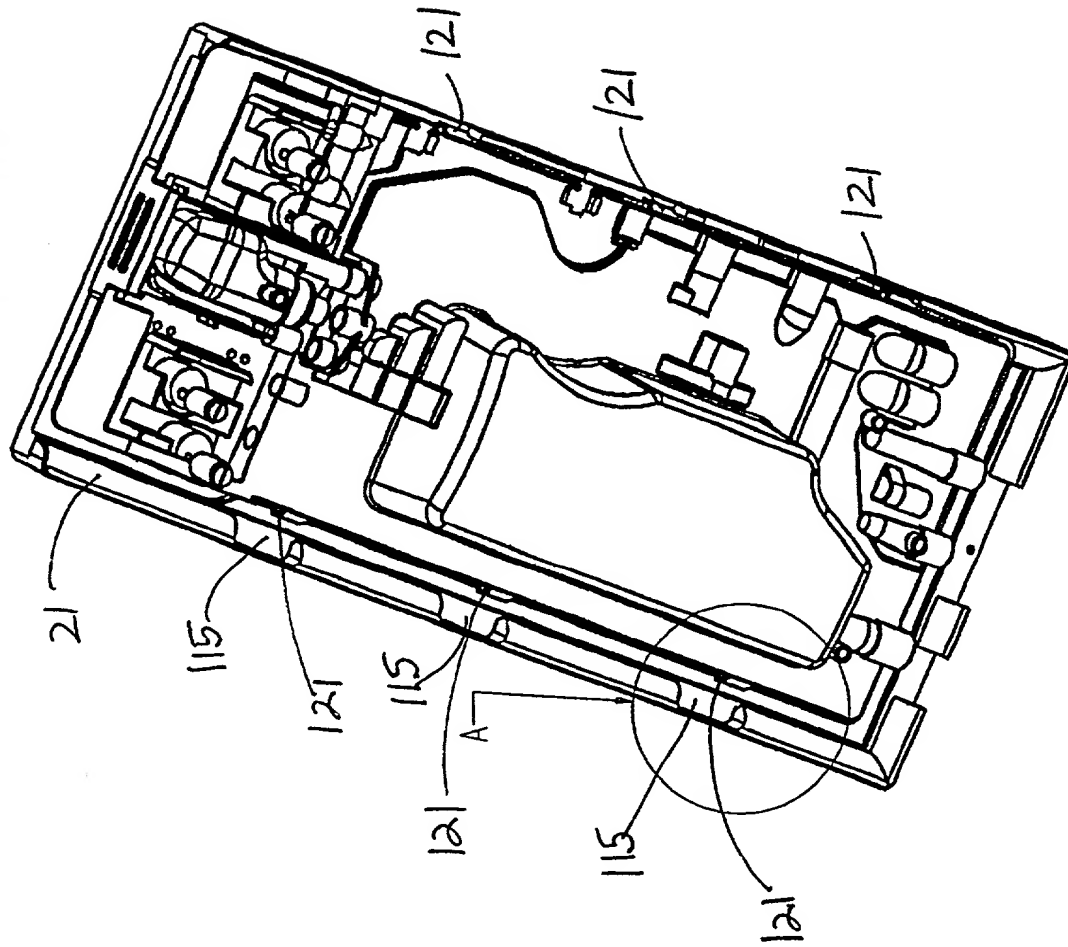


FIG. 10C

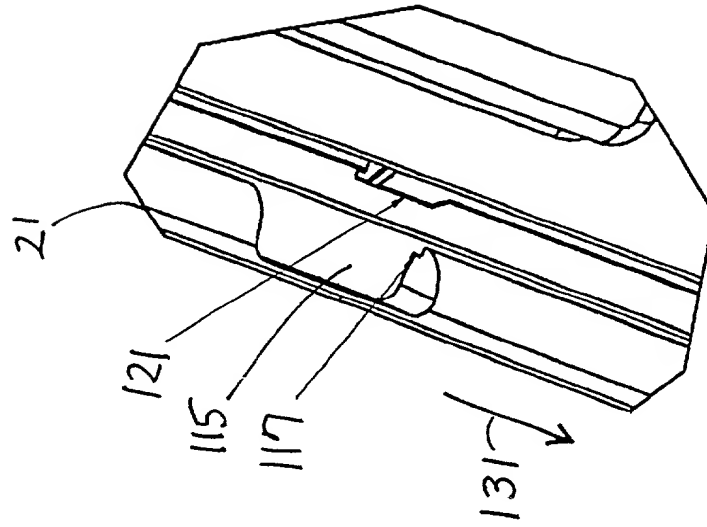


FIG. 10D

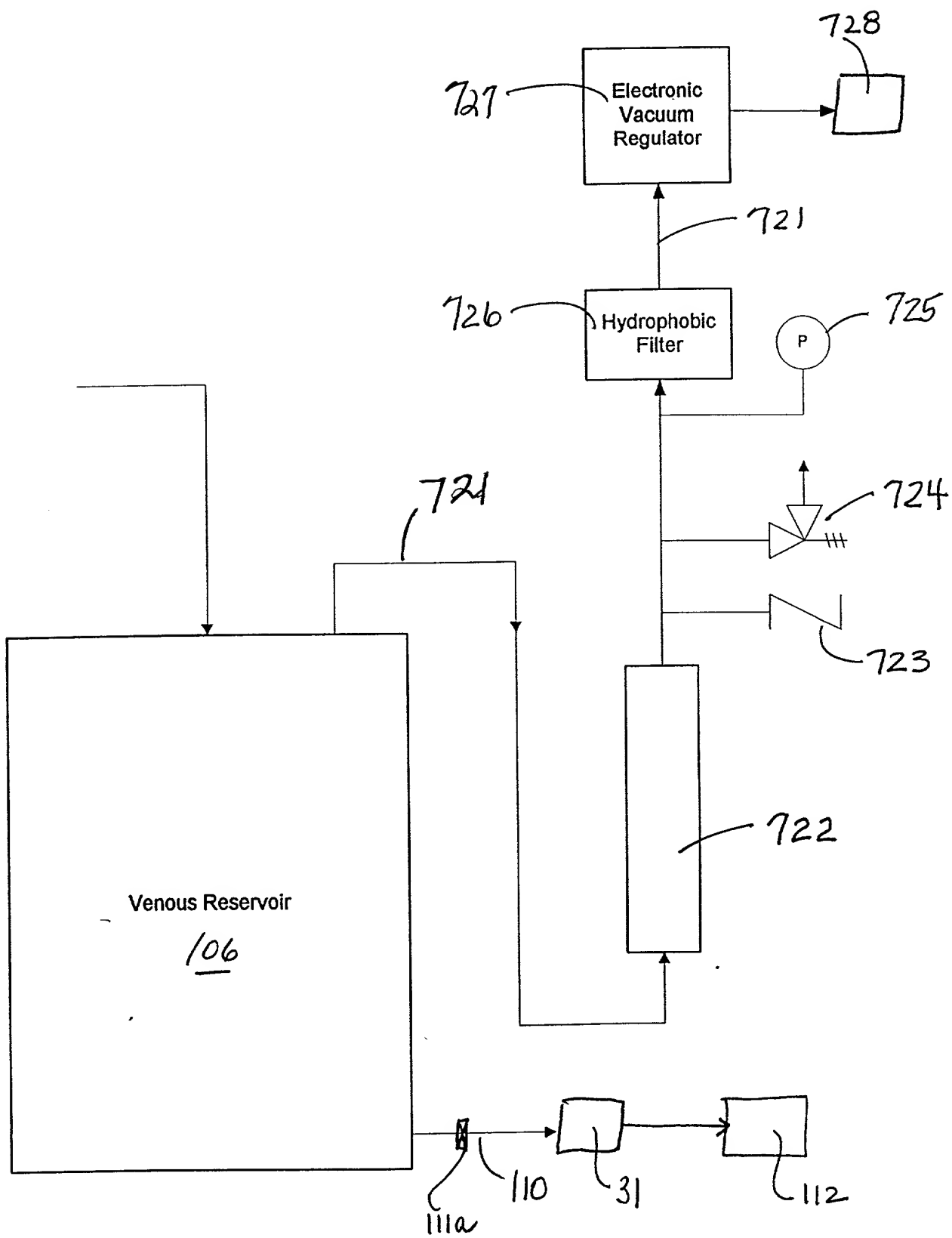


FIG. 11

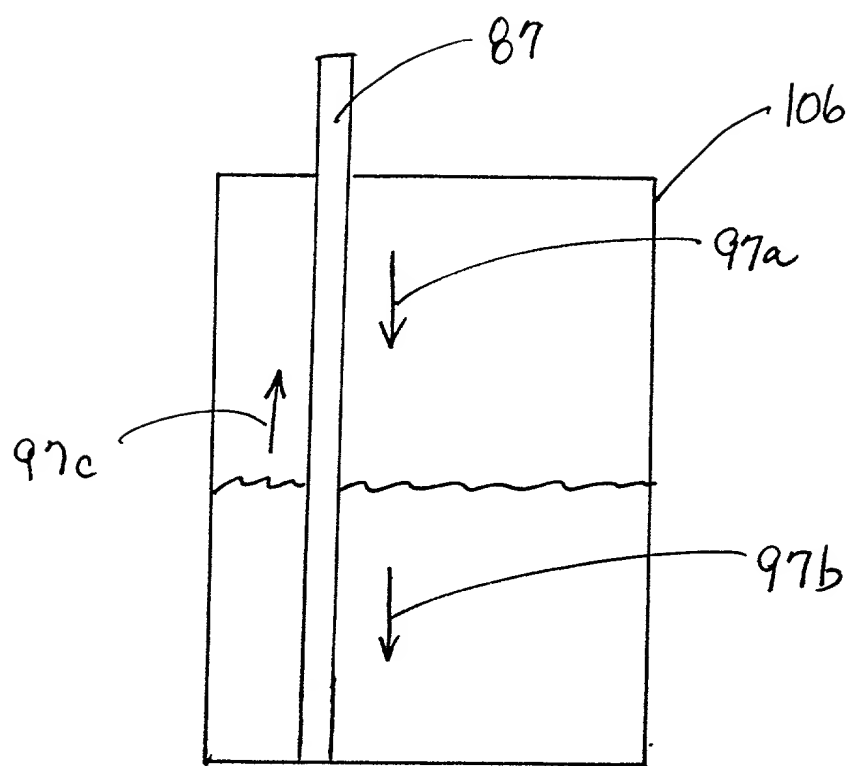
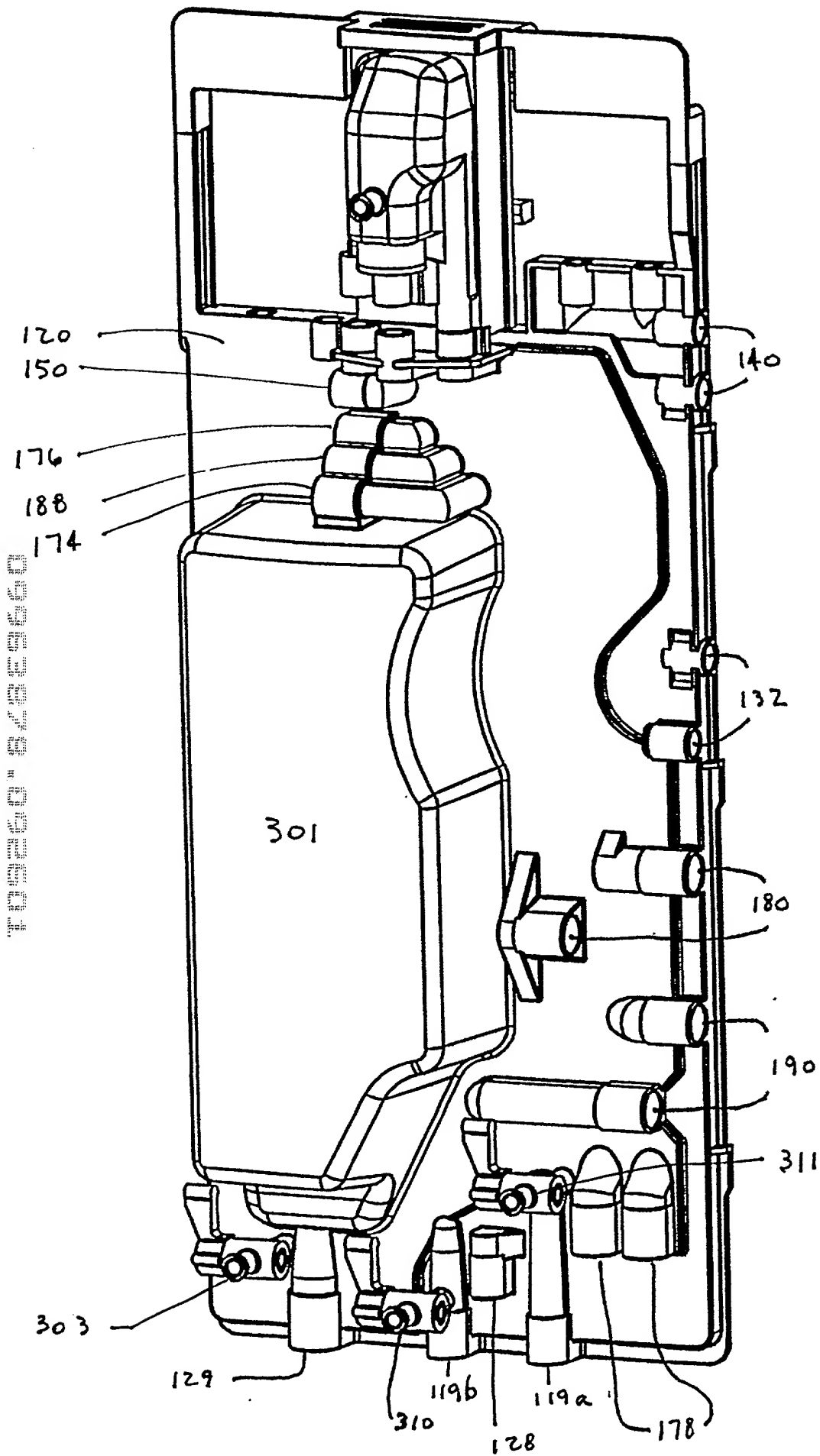


FIG. 12



F16.13

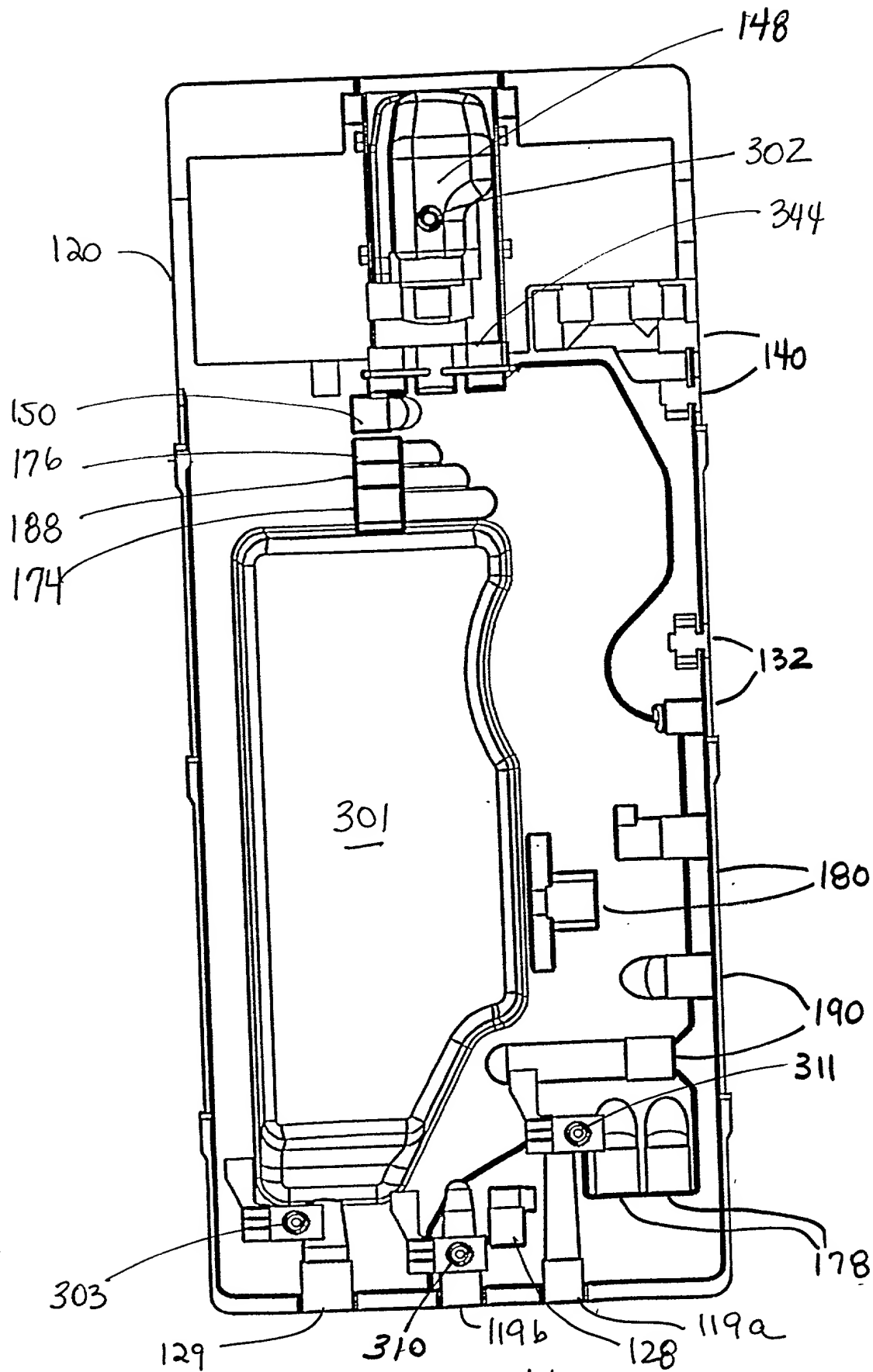


FIG. 14

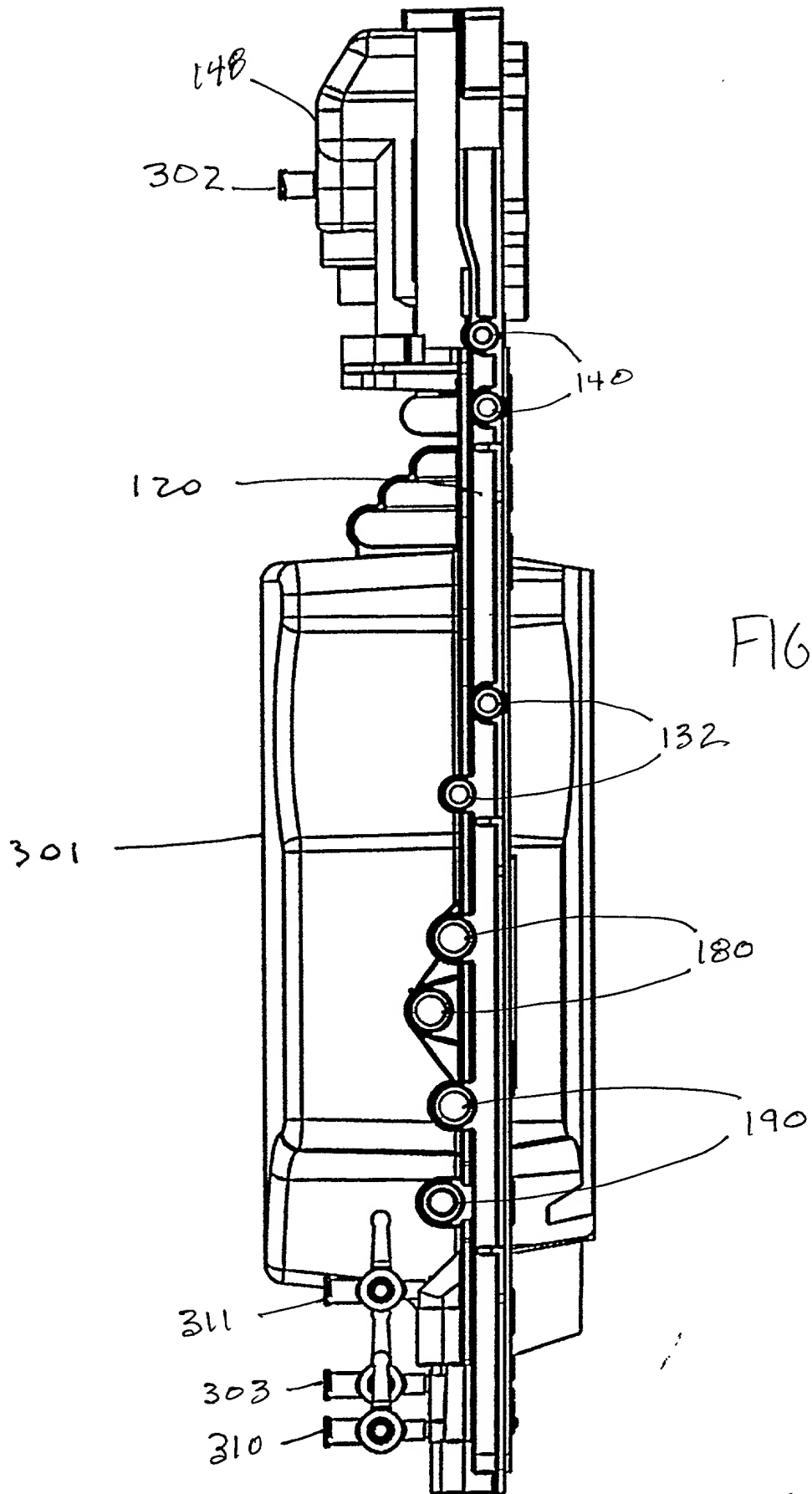


FIG. 15

FIG. 16

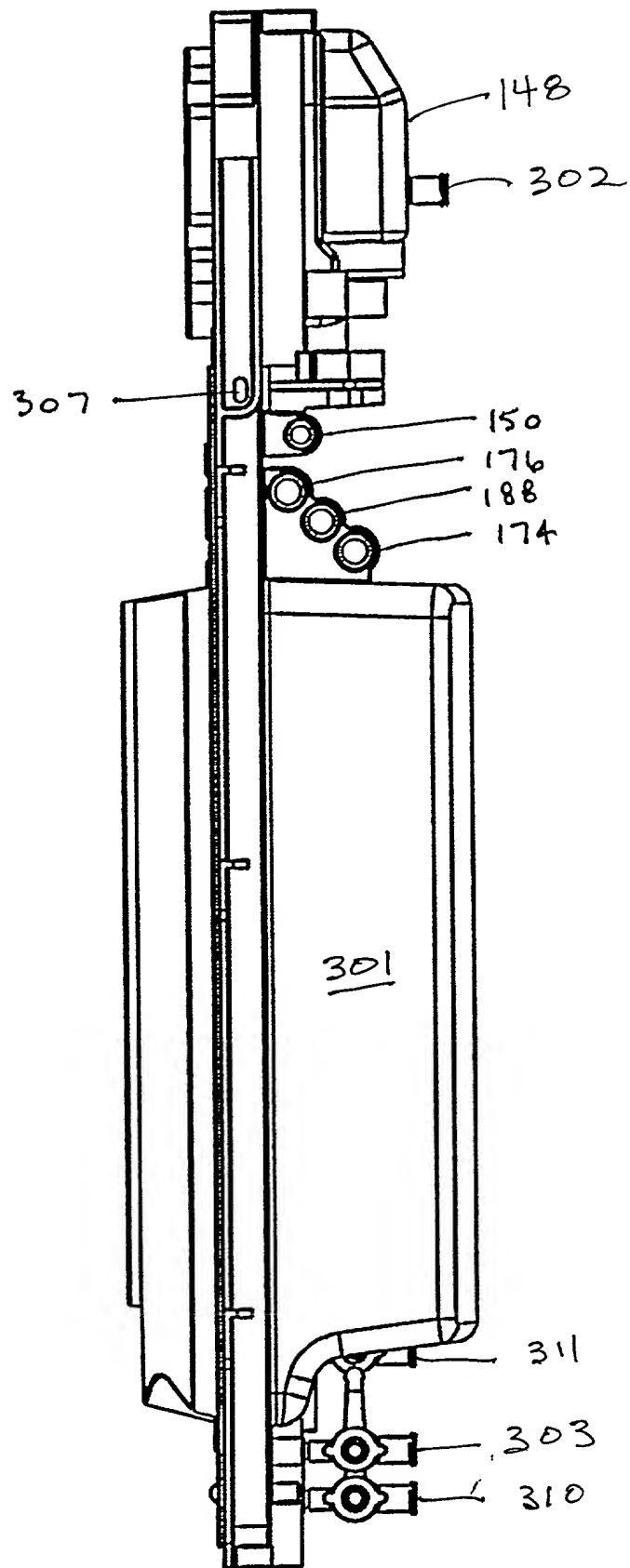


FIG. 17 is a perspective view of the device 100 in a closed position, showing the housing 301 and the internal components 102a, 102b, 102c, 102d, 148, 302, 311.

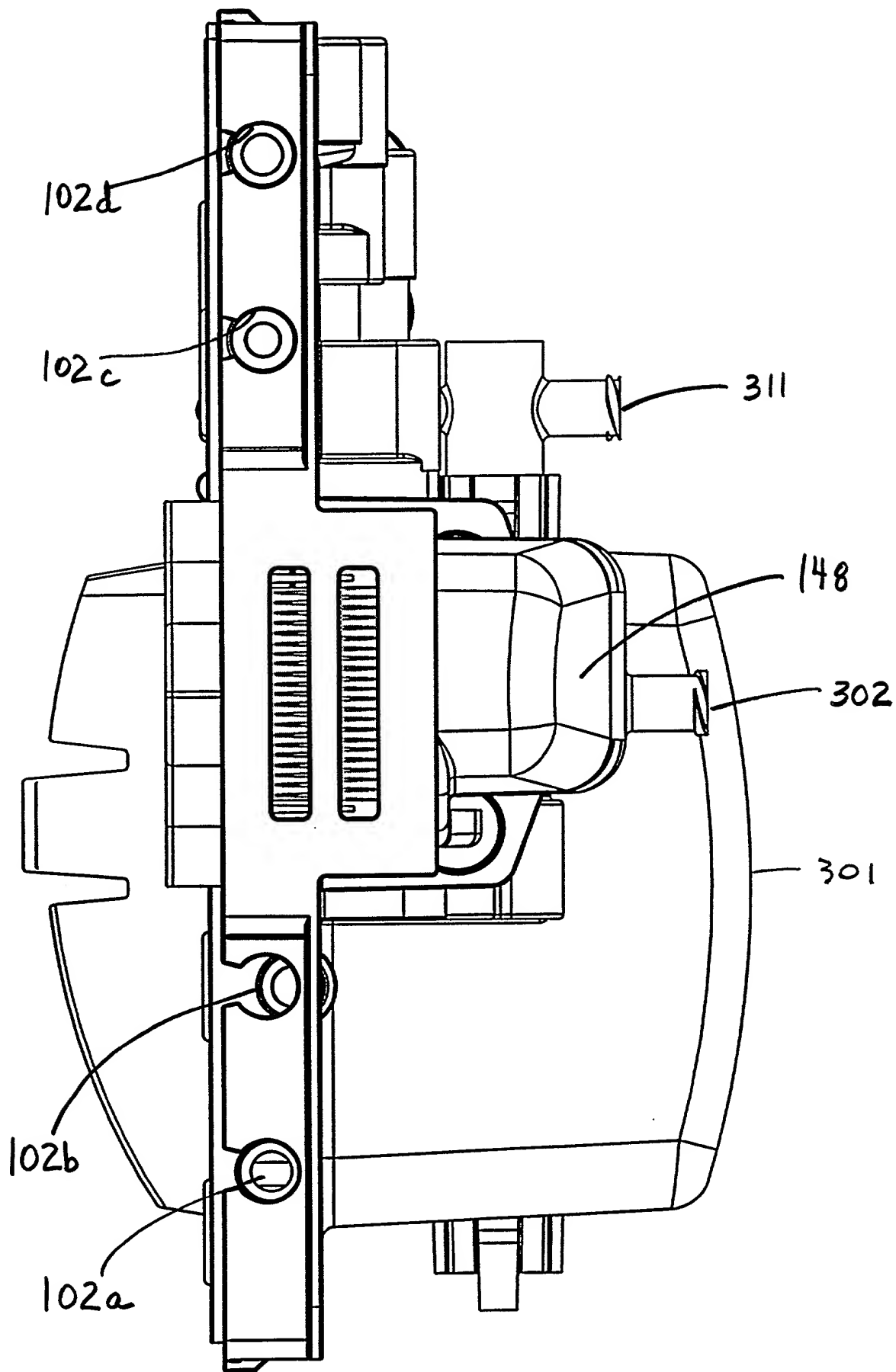


FIG. 17



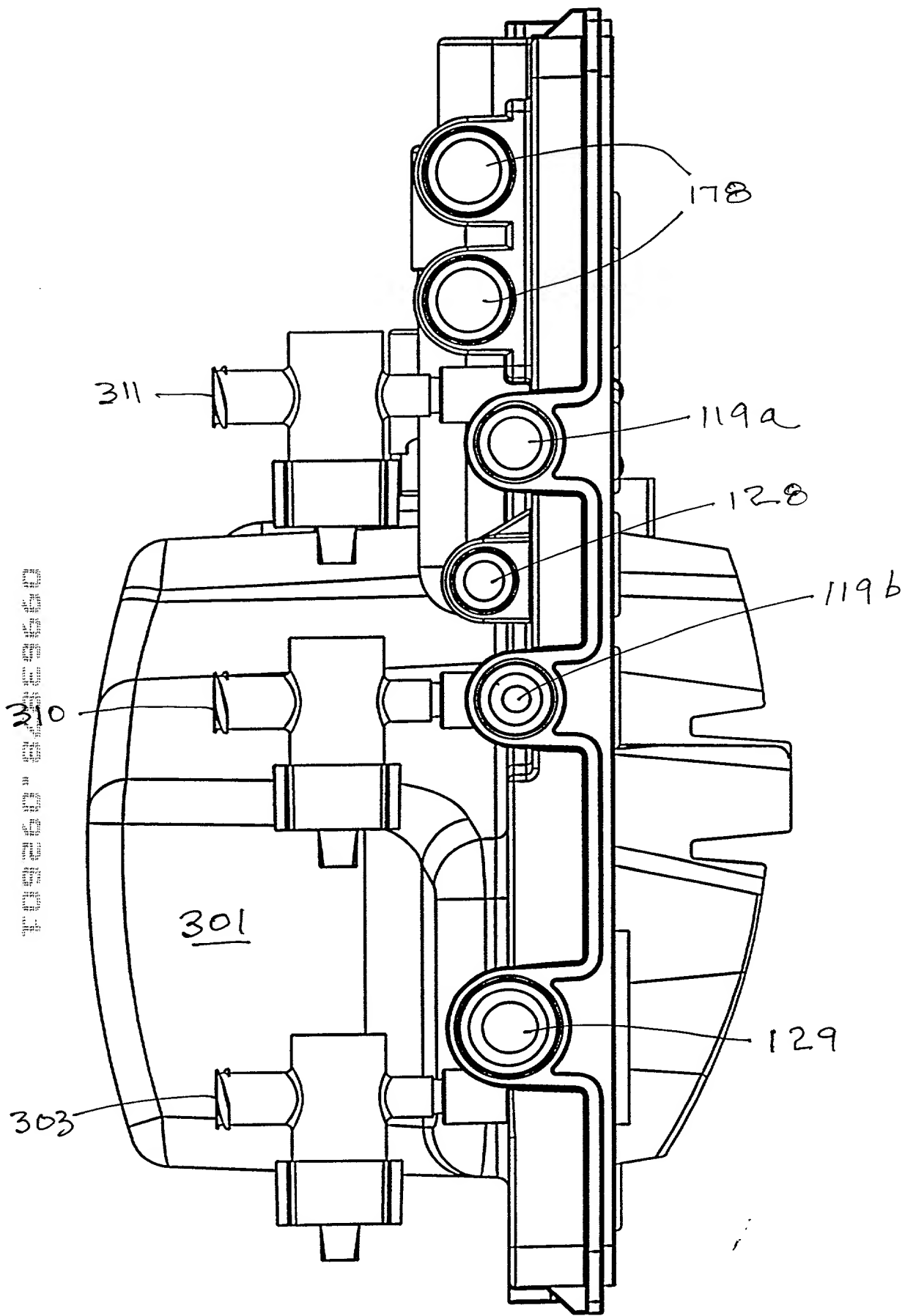
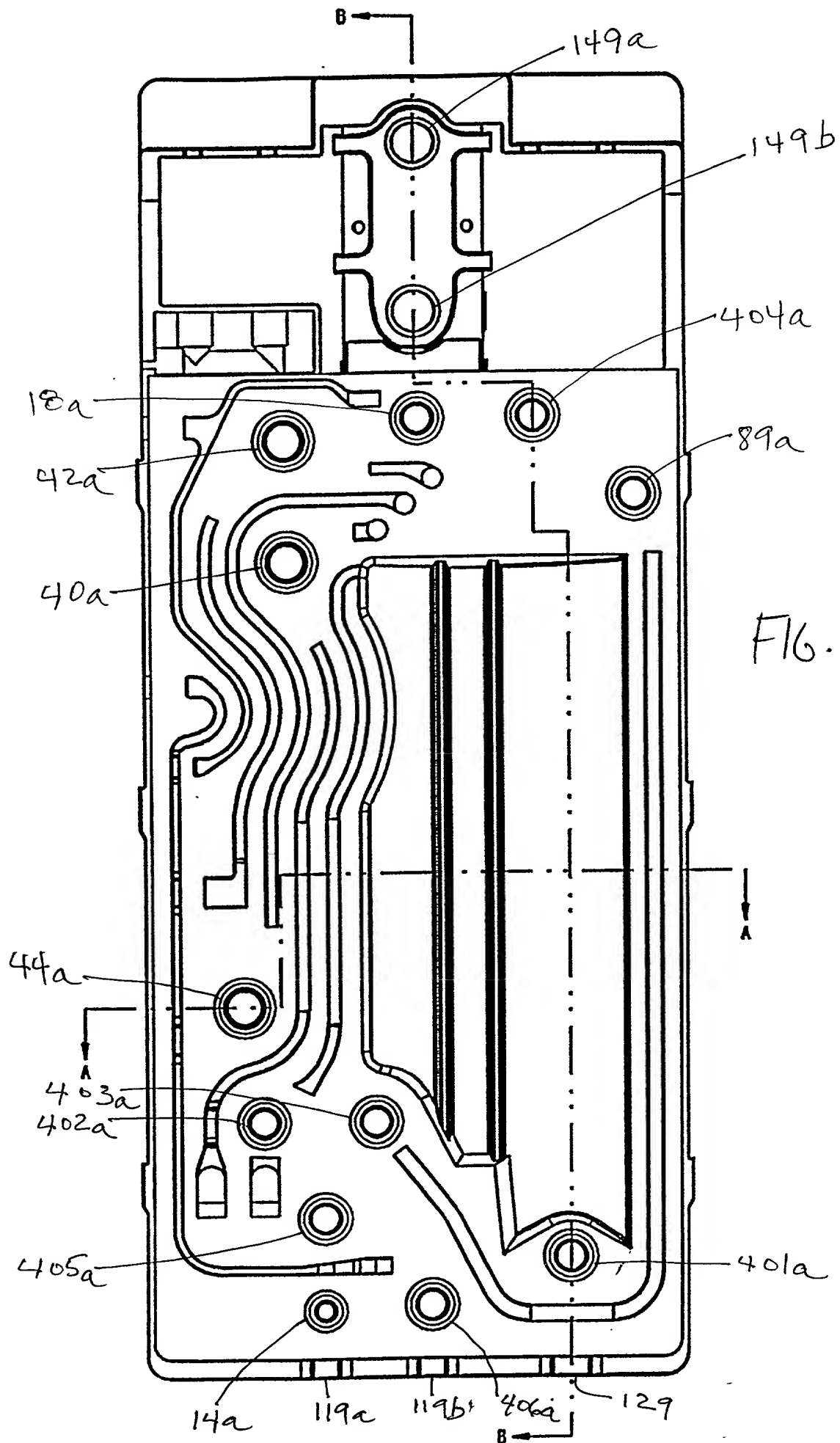
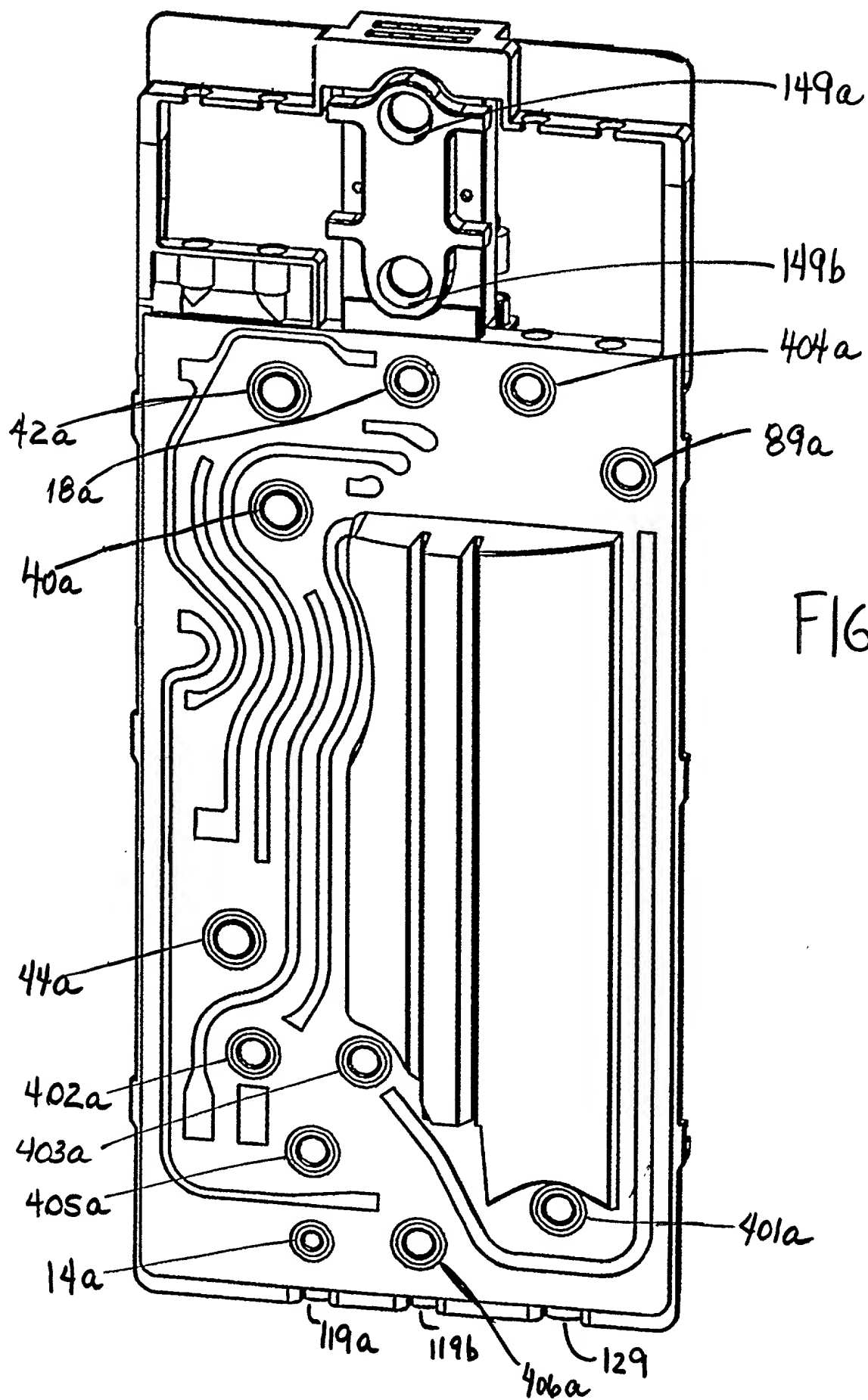
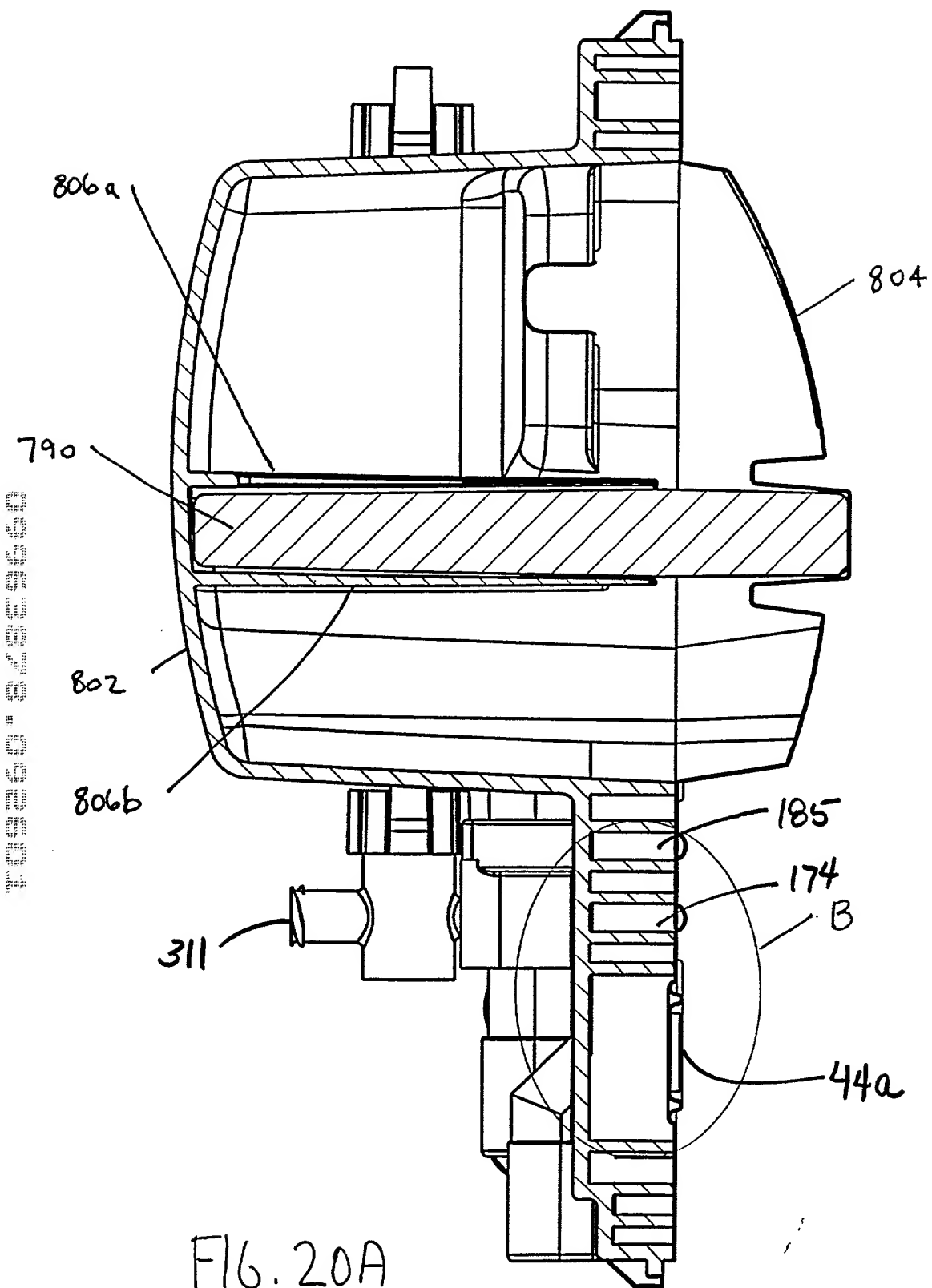


FIG. 18





F16.19B



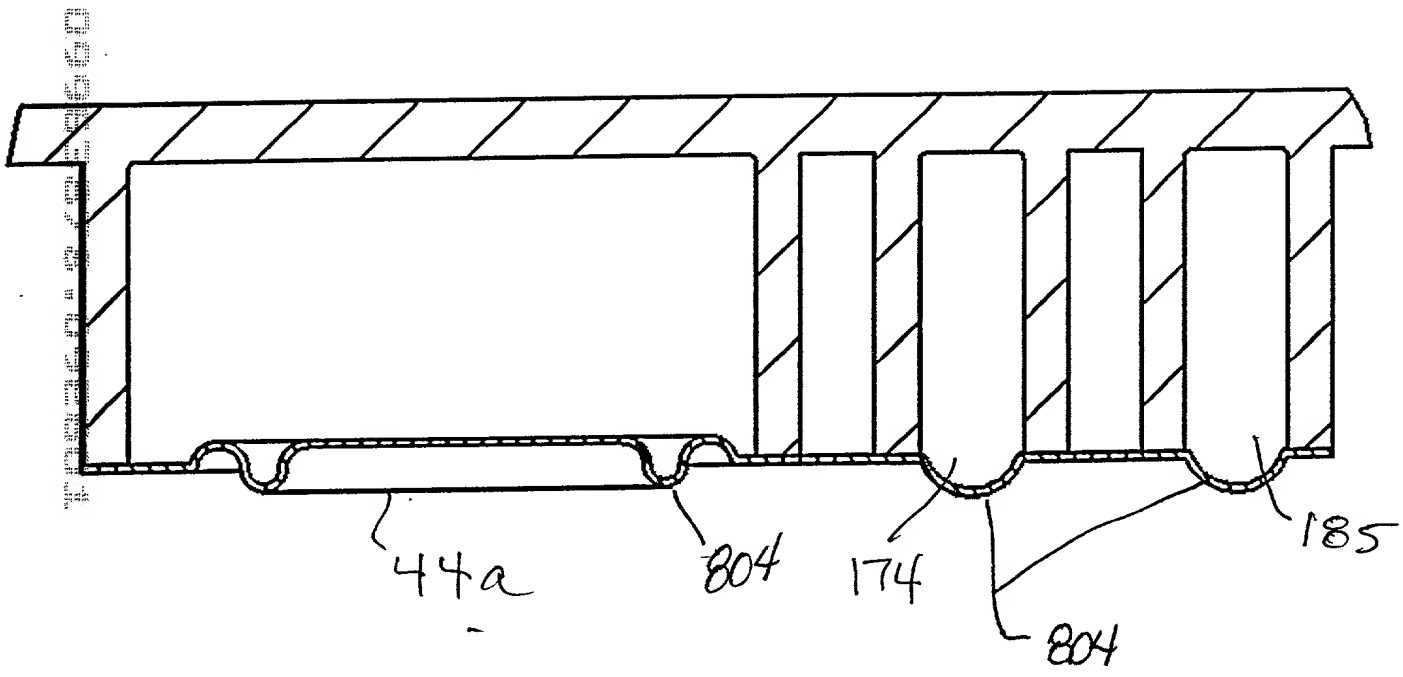
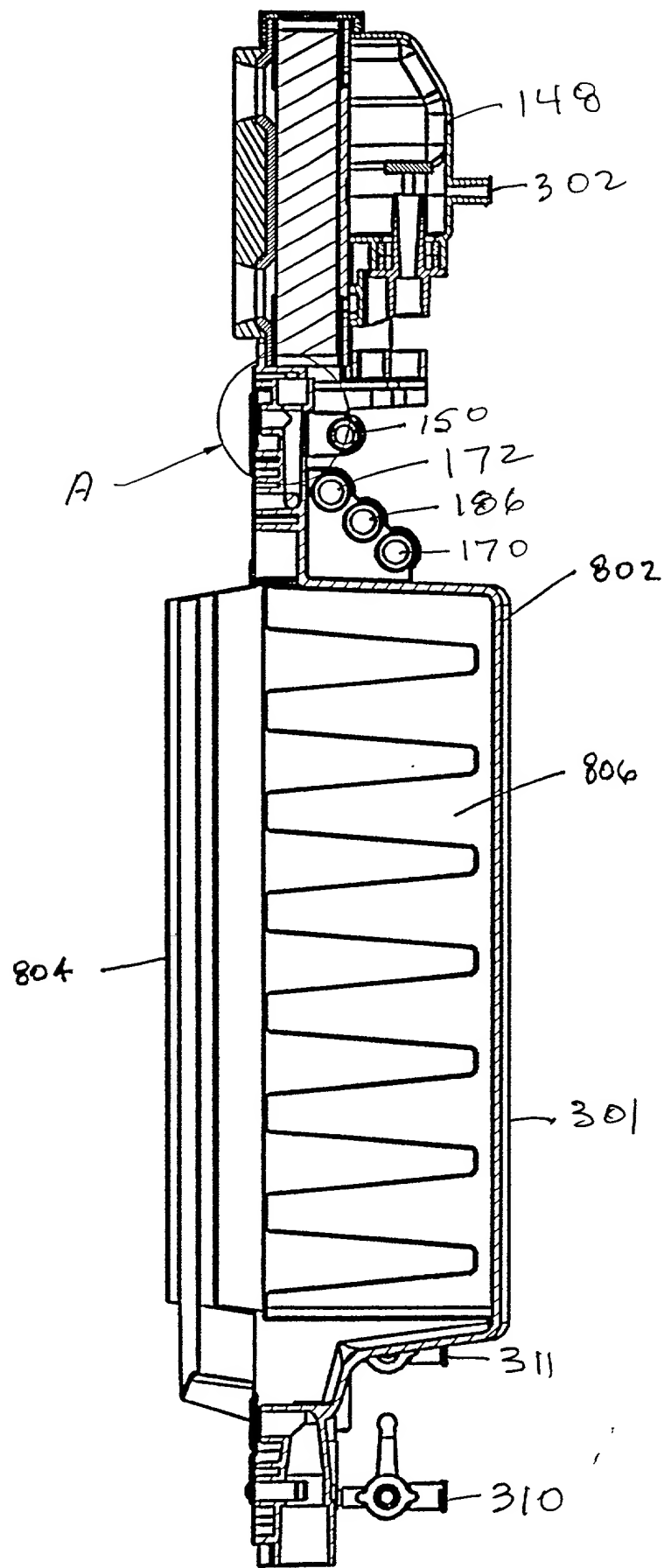


Fig. 20B



F16. 21

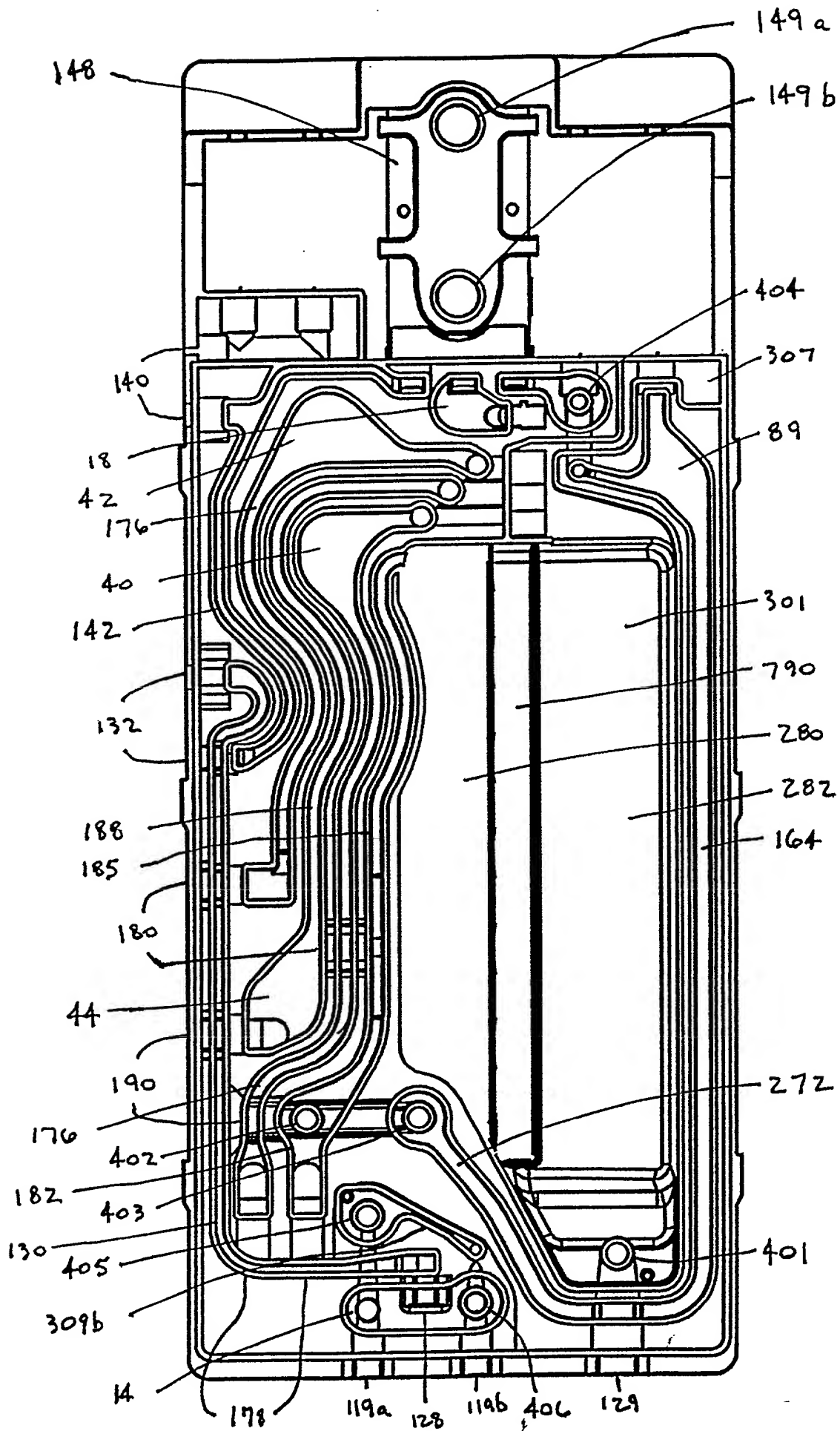


FIG. 22

FIG. 23A is a perspective view of a component of a system, showing a central circular opening 808, a surrounding ring 810, and a vertical support structure 812. The component is mounted on a base 120. The ring 810 is connected to the support structure 812 by a horizontal member 816. The support structure 812 is a vertical rod with a rectangular base. The base 120 is a horizontal plate with a central opening. The component is shown in a perspective view, with the support structure 812 extending downwards from the ring 810. The central opening 808 is a circular hole in the center of the ring 810. The horizontal member 816 is a thin rod that connects the ring 810 to the support structure 812. The base 120 is a flat, rectangular plate that serves as the foundation for the component. The perspective view shows the component from an angle, highlighting its three-dimensional structure.

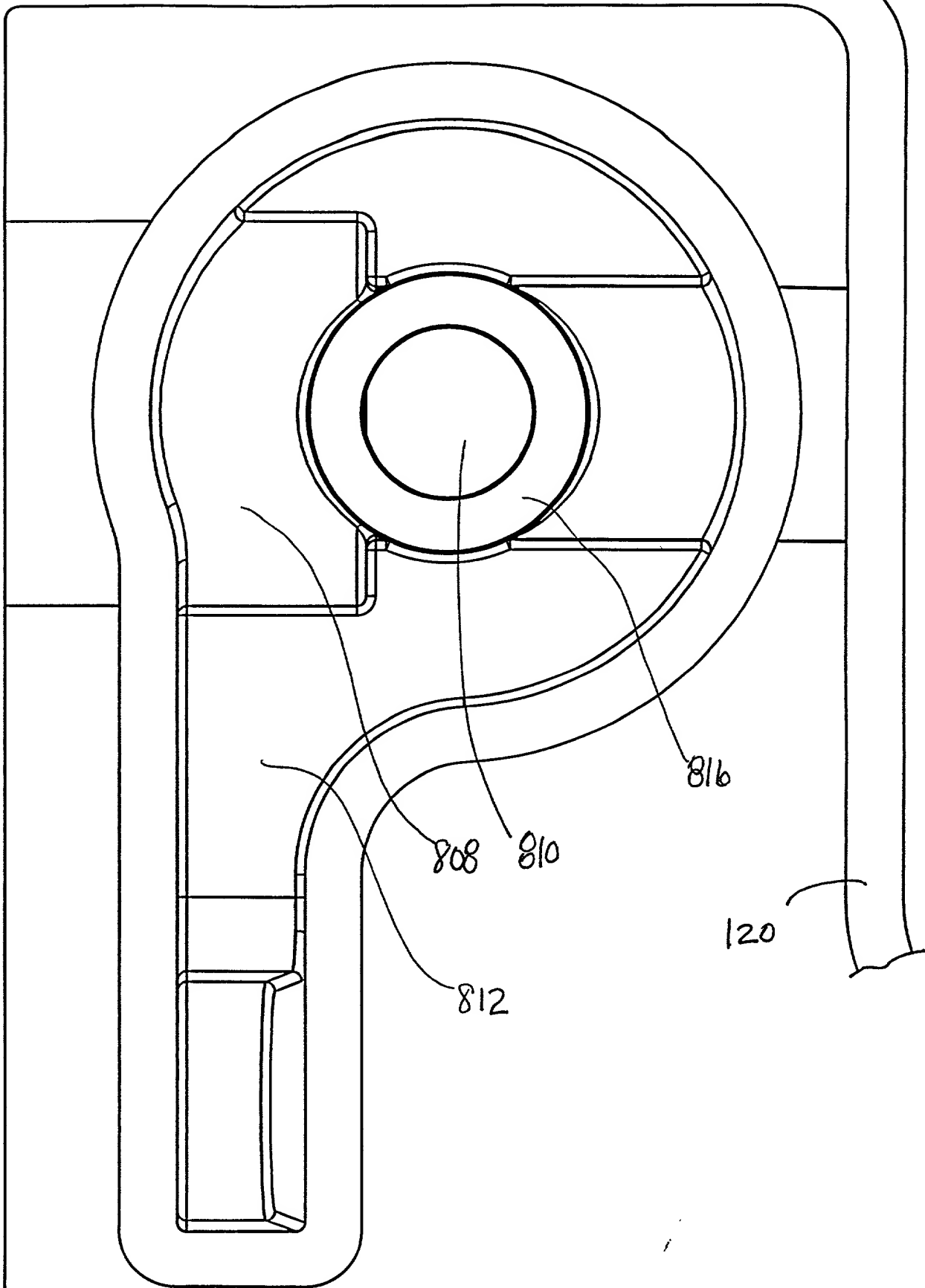


FIG. 23A



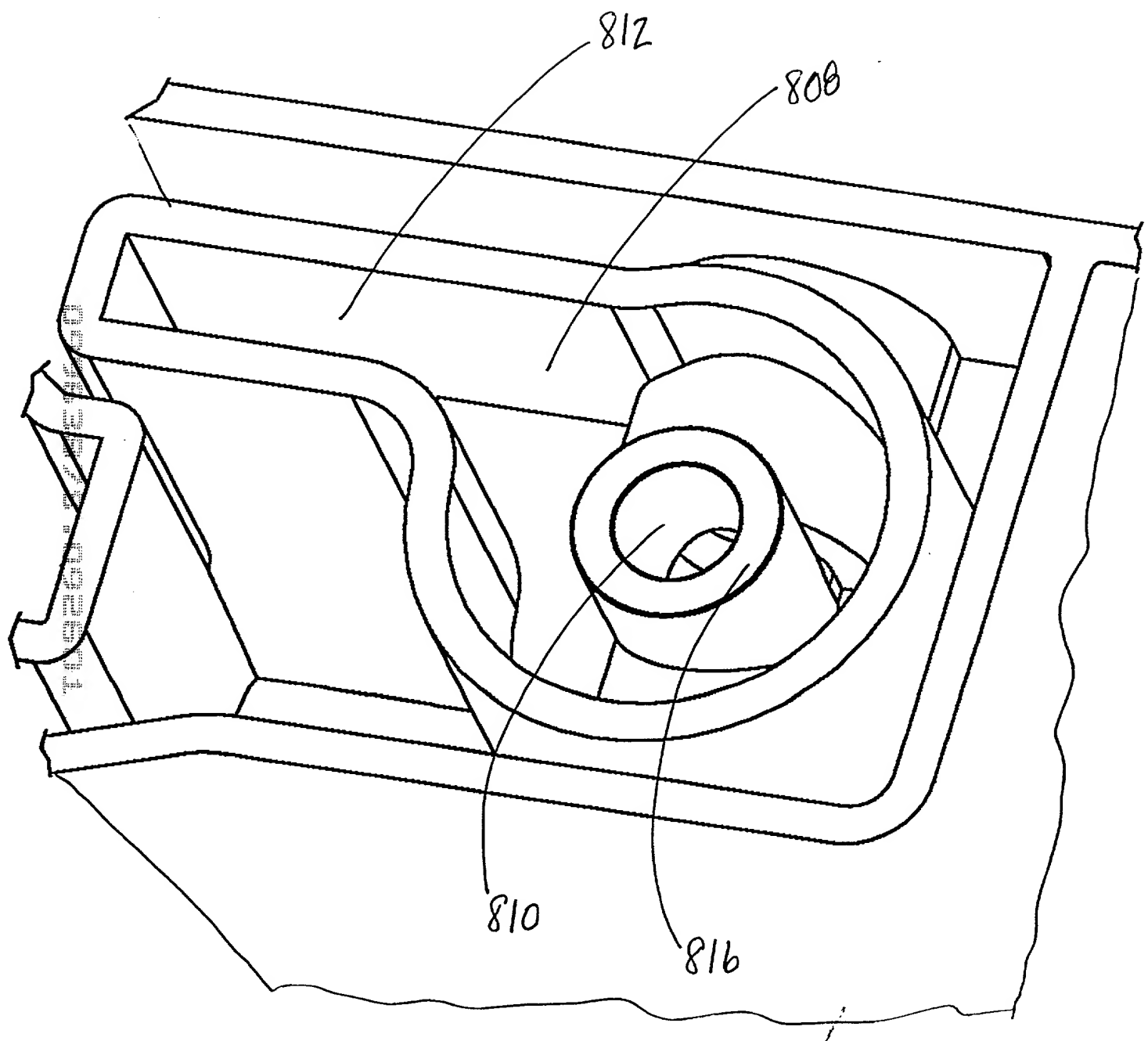


Fig. 23B

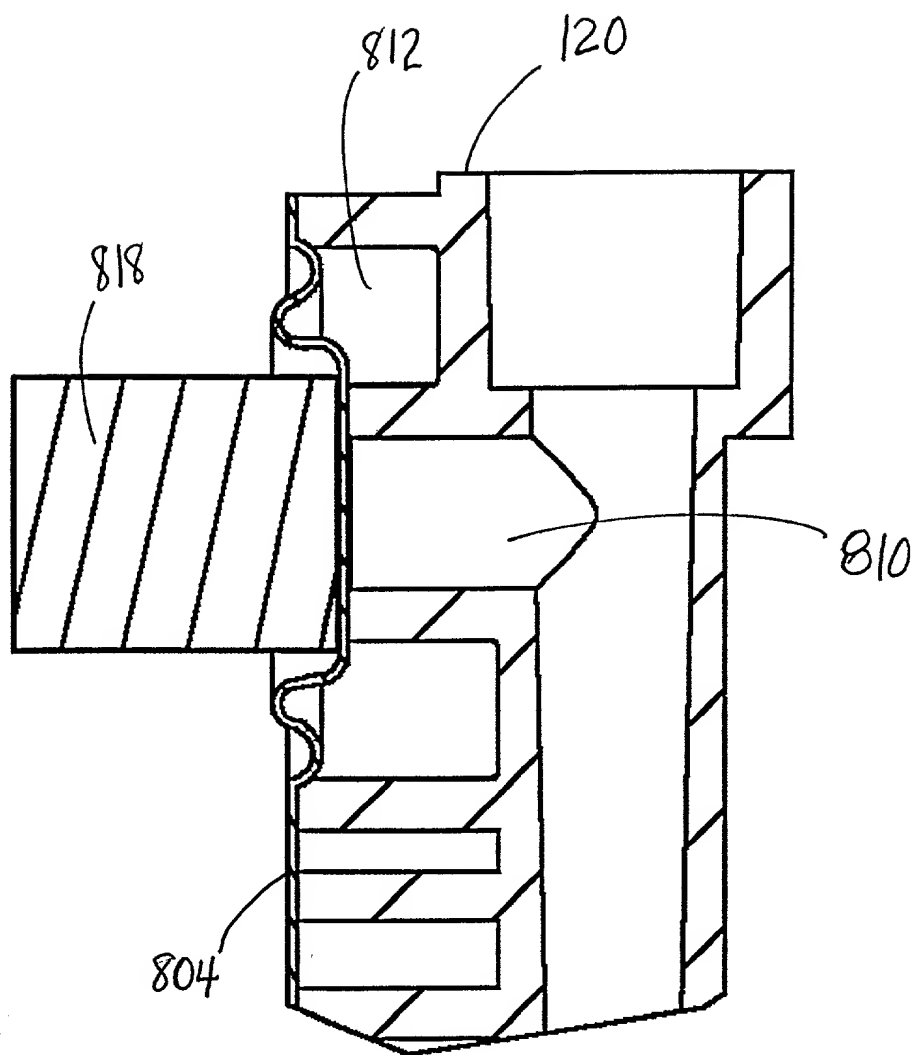


FIG 24 A

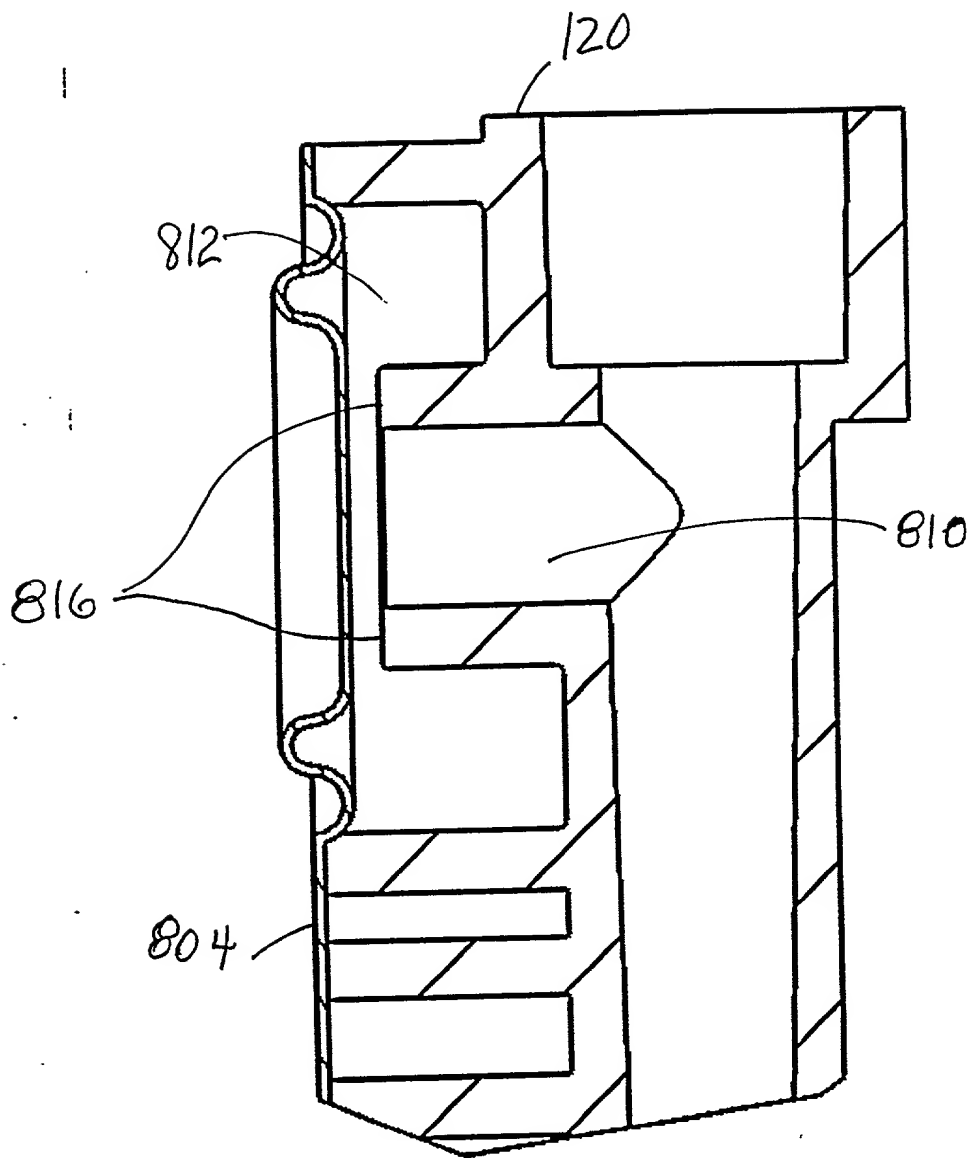


FIG 24B

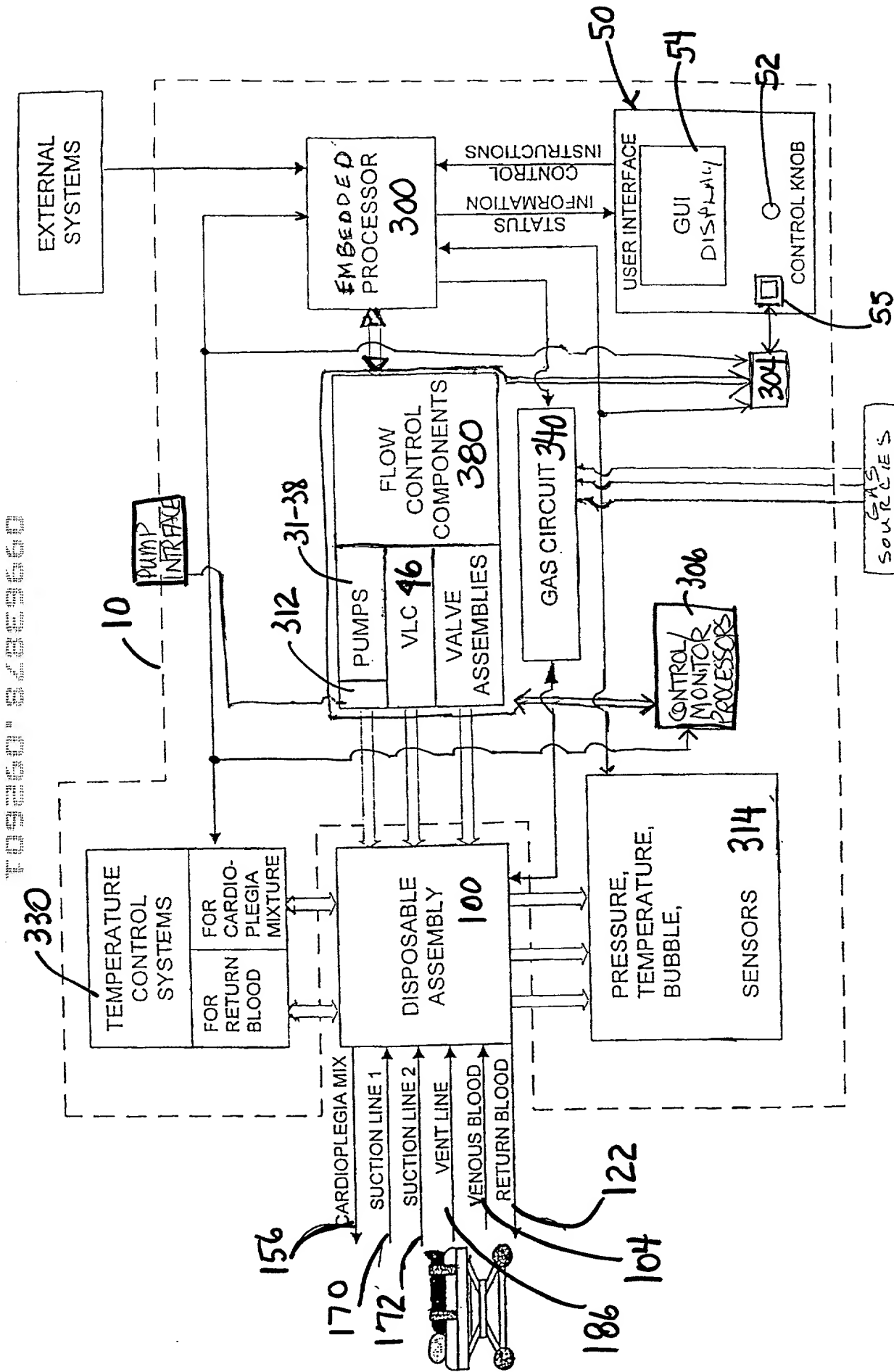
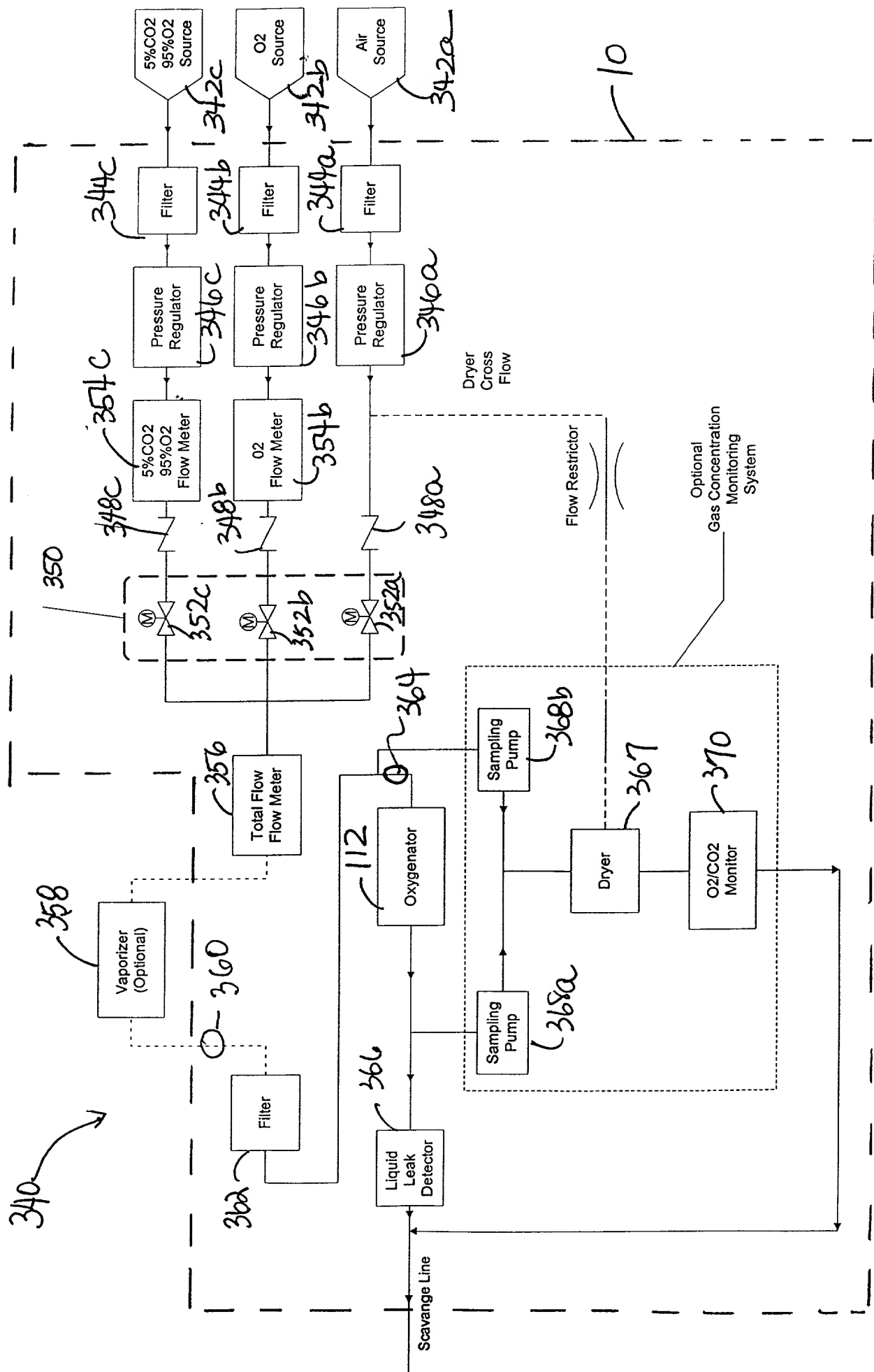


FIG. 25



F16.26

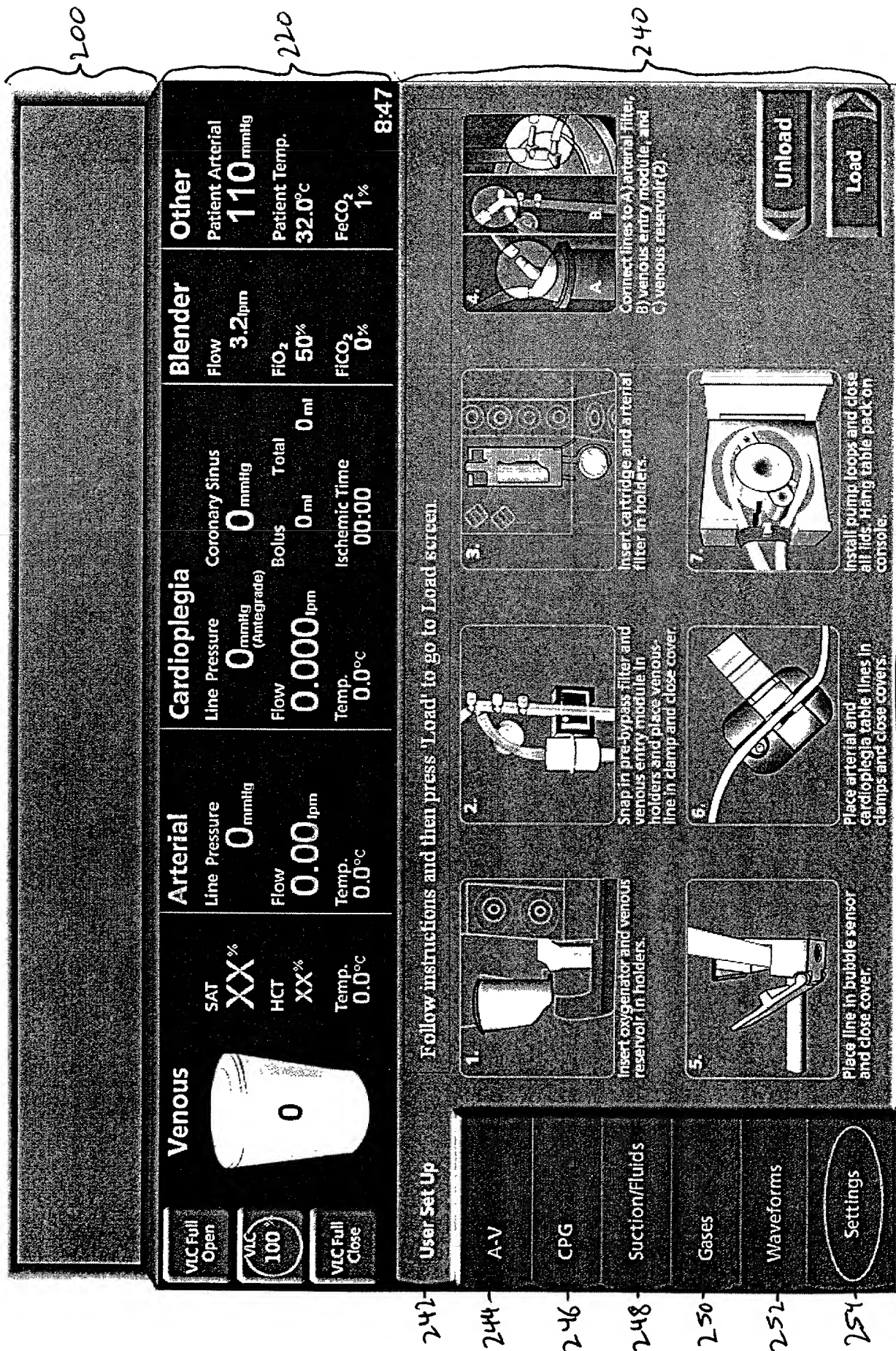


FIG. 27

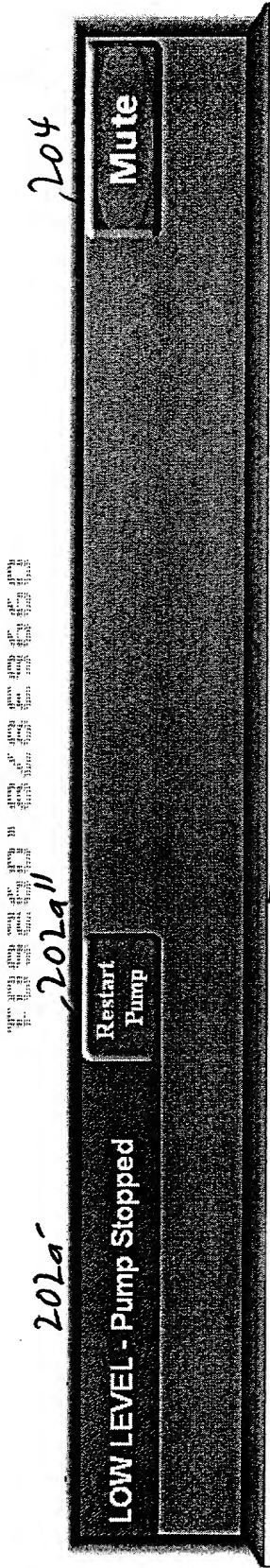


FIG. 28A

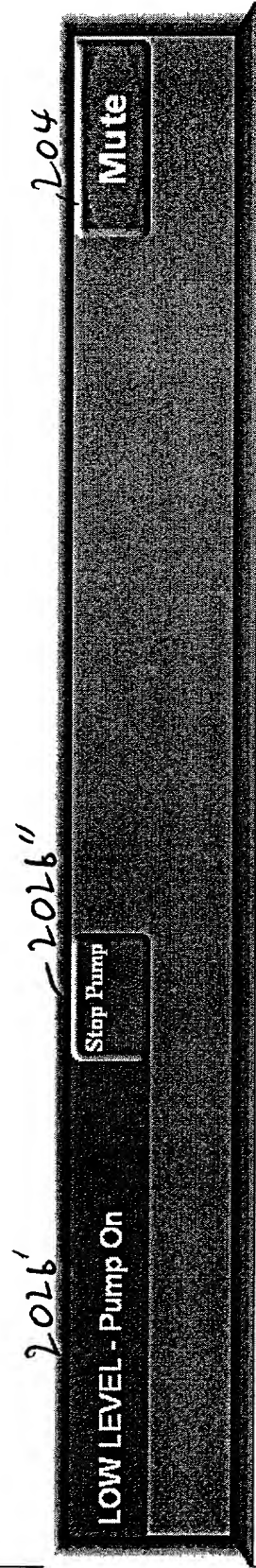


FIG. 28B

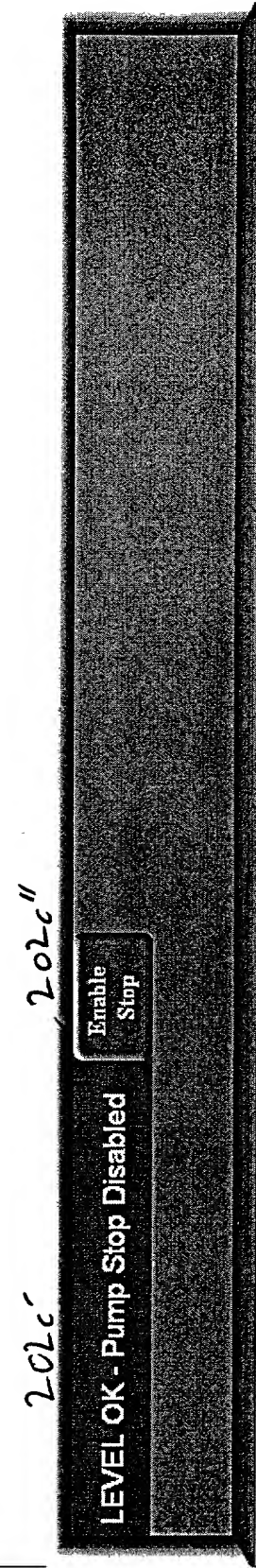
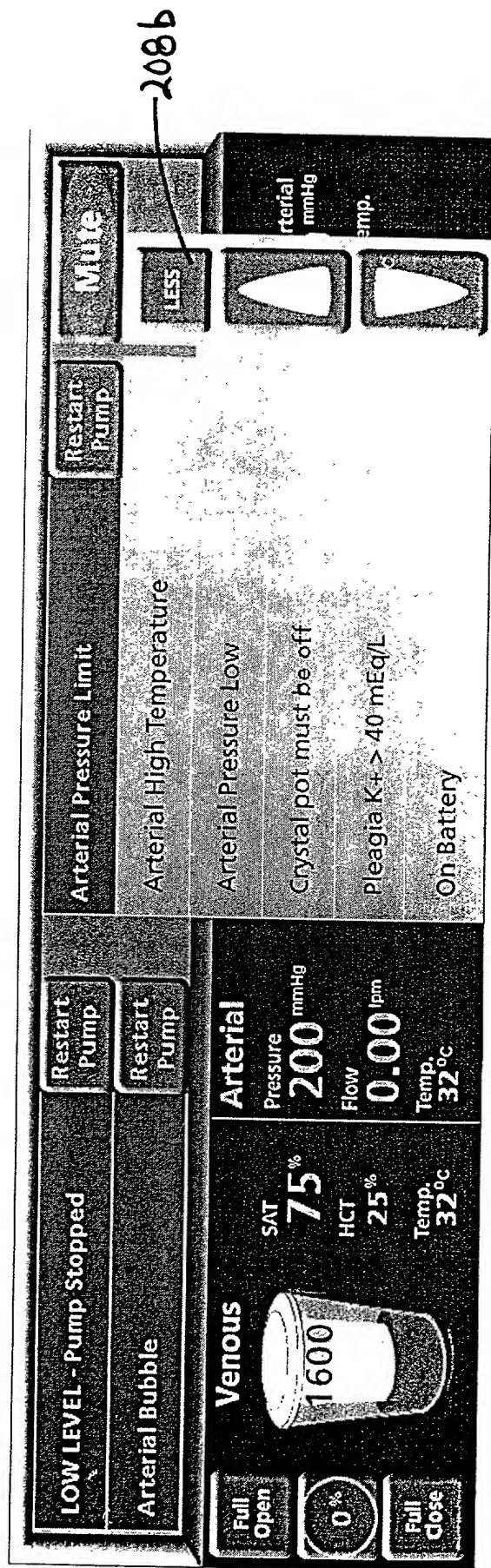
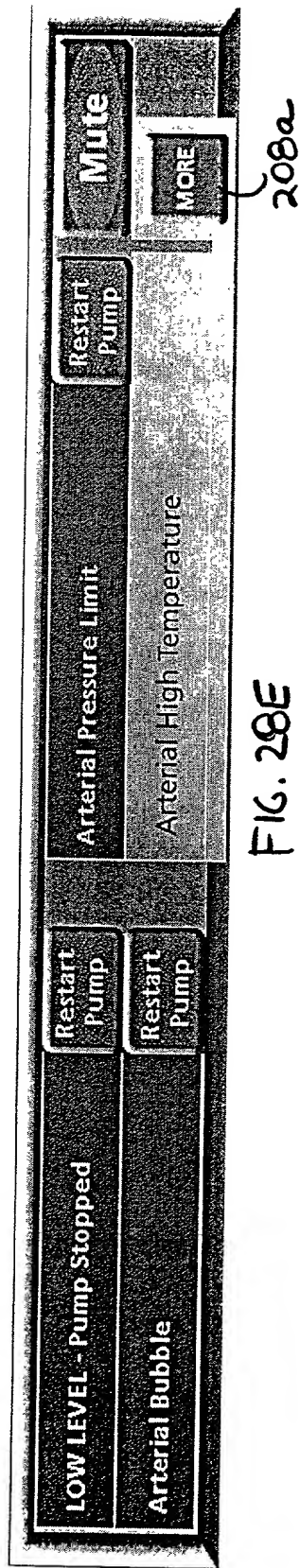
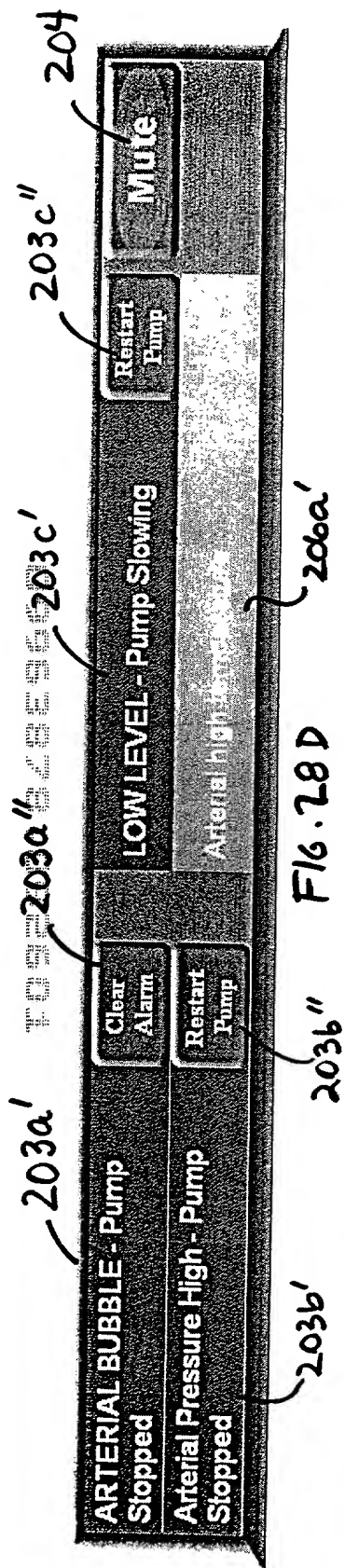


FIG. 28C









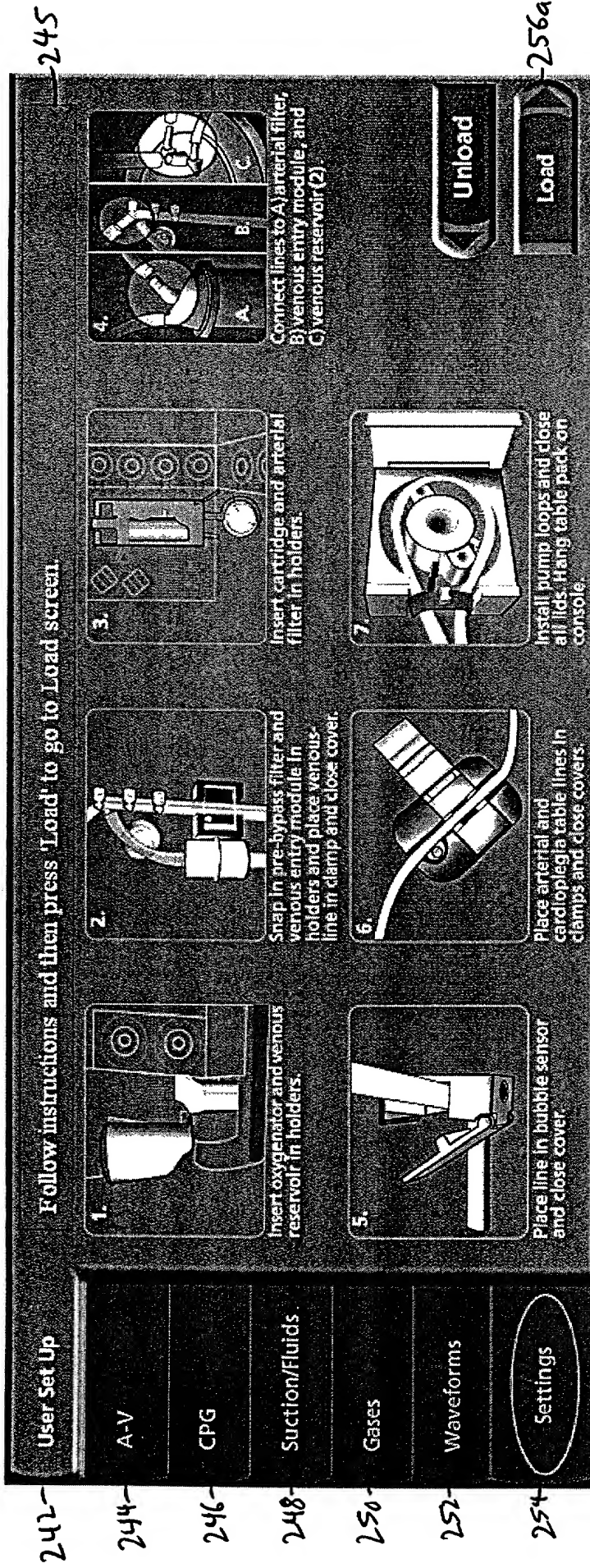
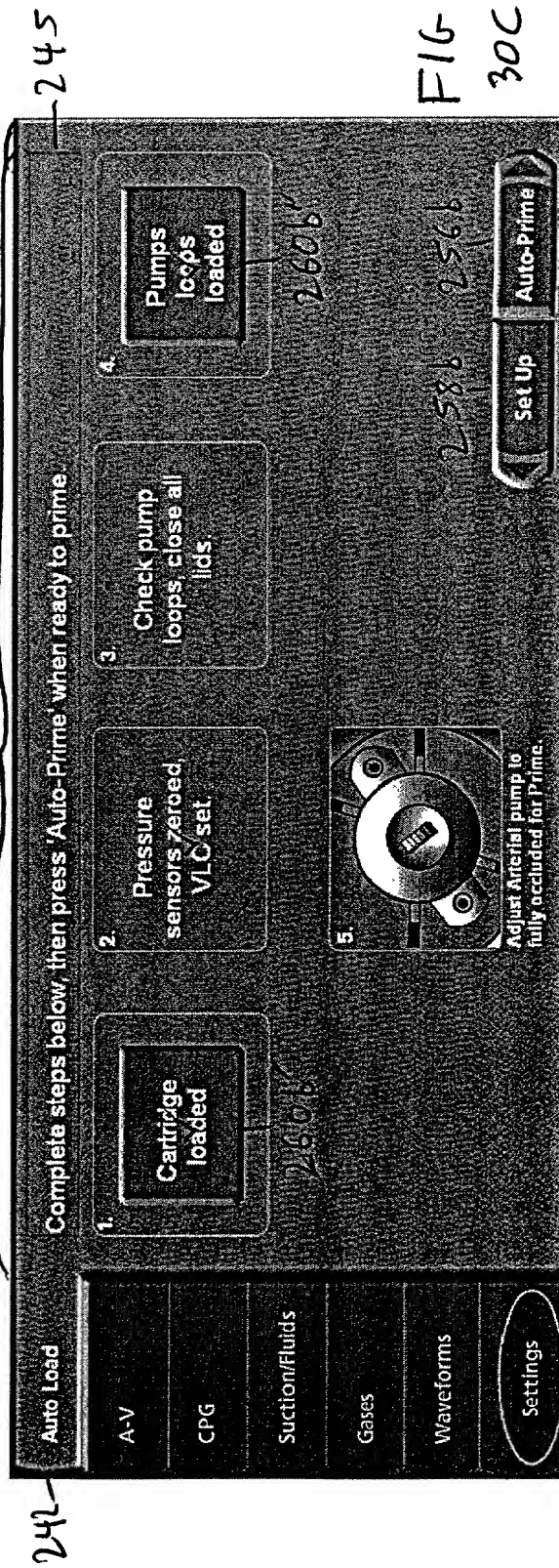
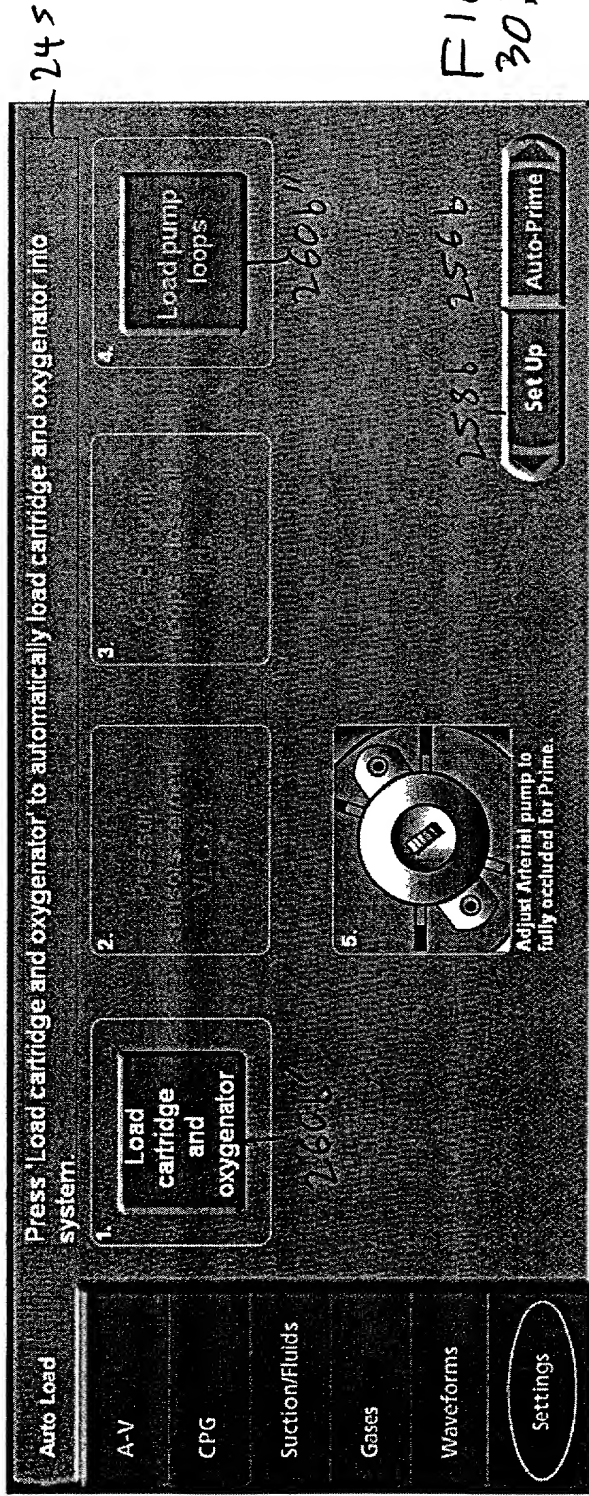


FIG. 30A

FIG. 30B





Auto Prime

A-V

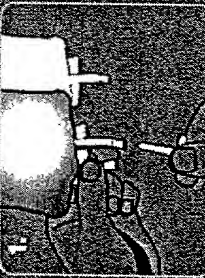
CPG

Suction/Fluids

Gases

Waveforms

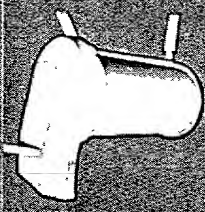
Settings



2.

Open water valves

3.



4.

Pass

Start priming

Water valves closed. Check connections, then press 'Open water valves' to try again.

Check occlusion

Pre-Bypass Filter

Auto-Load

Bypass

245

FIG.

30D

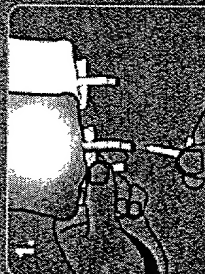
Auto Prime

A-V

CPG

Suction/Fluids

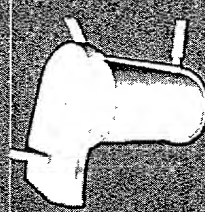
Gases



2.

Close water valves

3.



4.

Pass

Start priming

Press 'Start priming' to start filling reservoir.

245

FIG.

30E

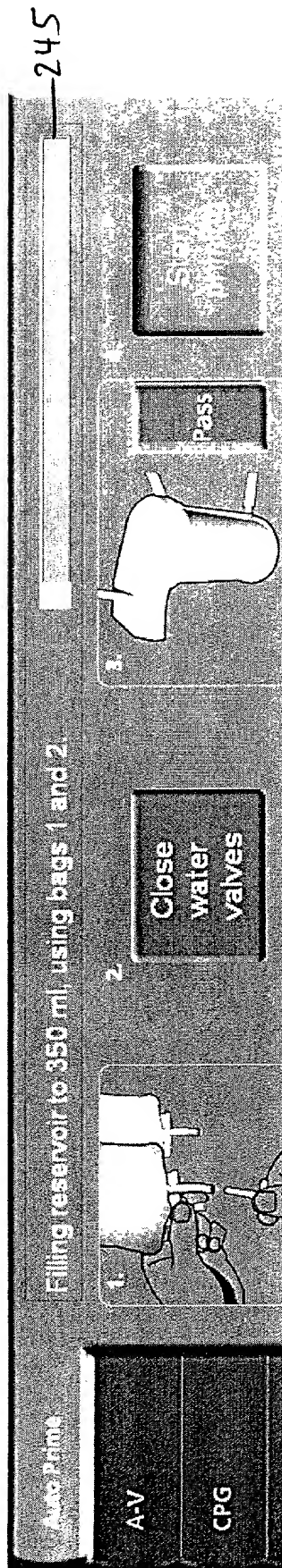


FIG. 30F

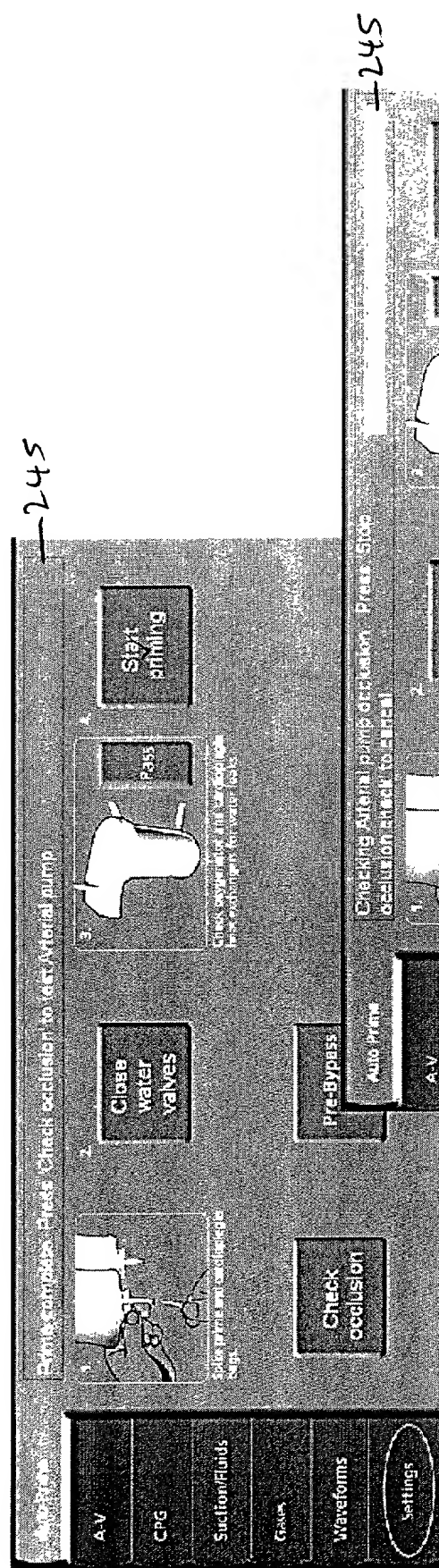


FIG. 30G

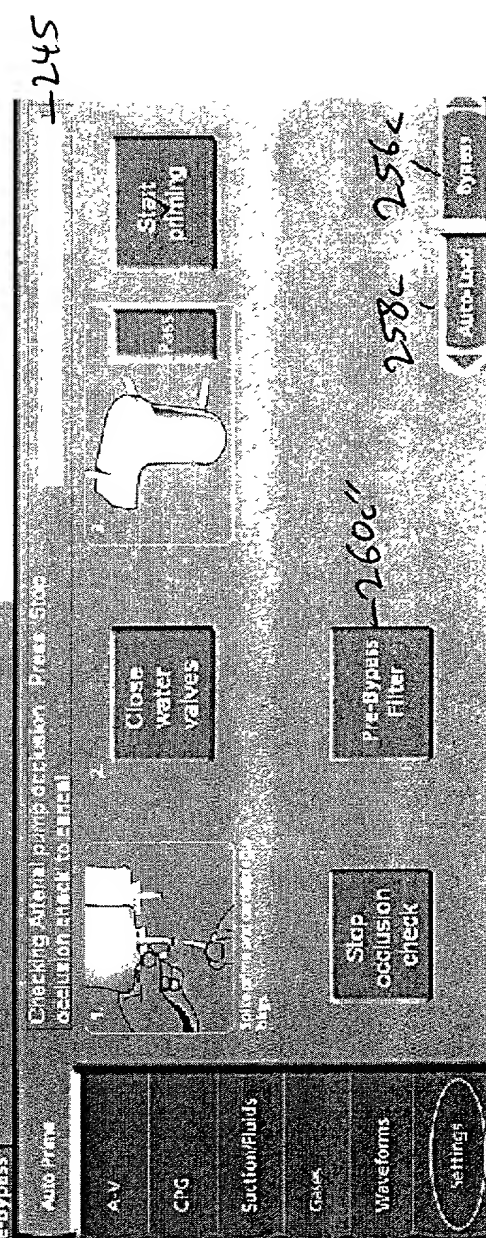
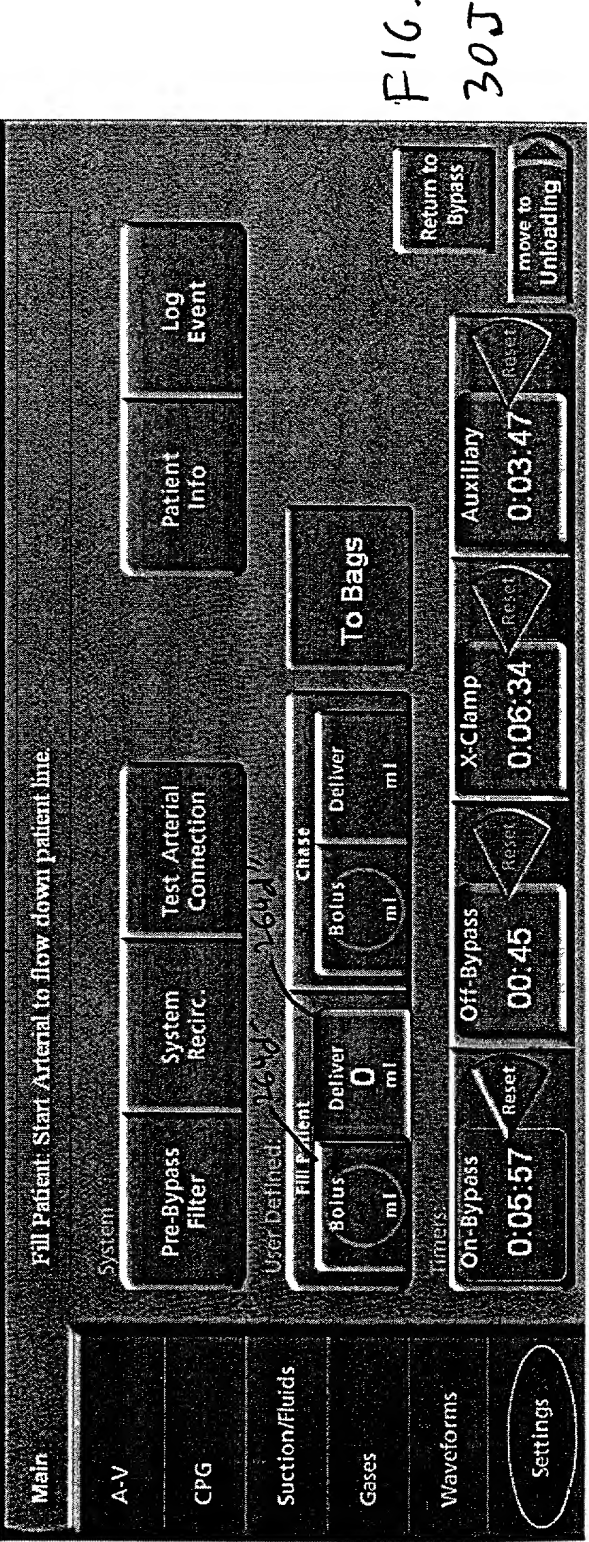
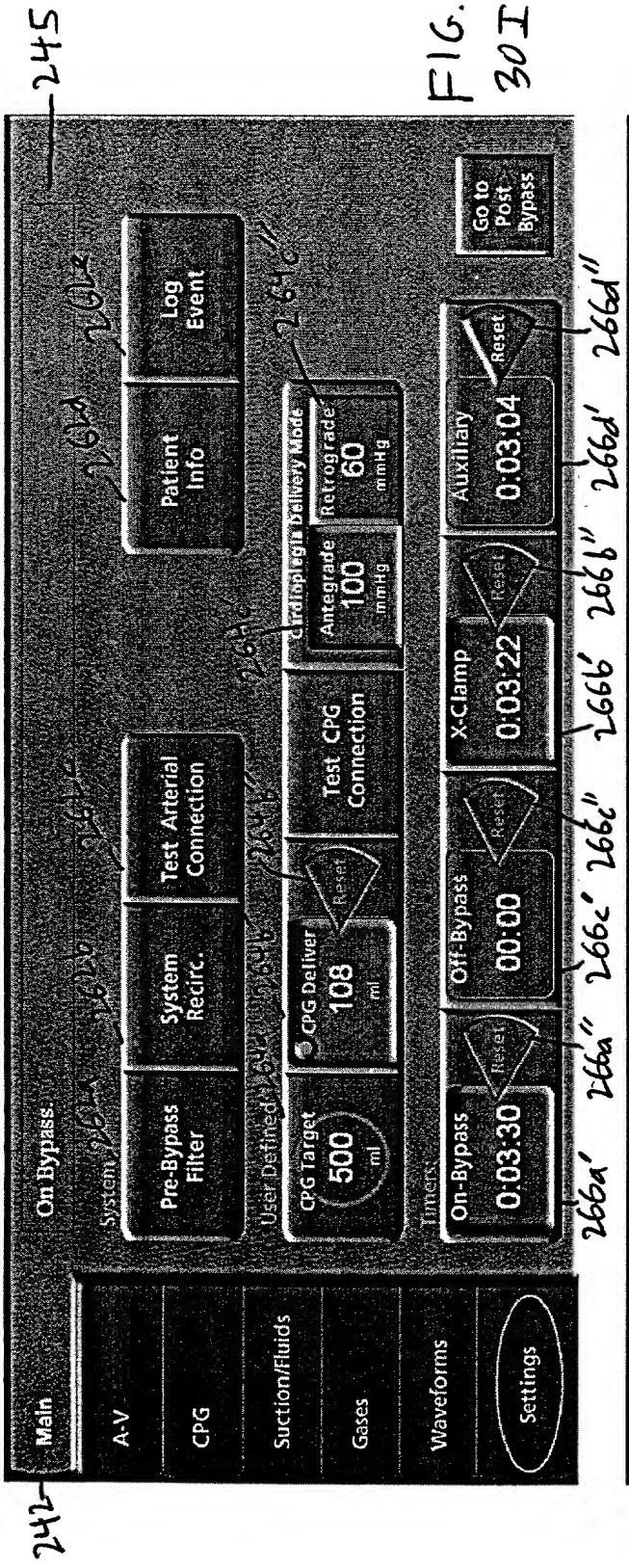


FIG. 30H





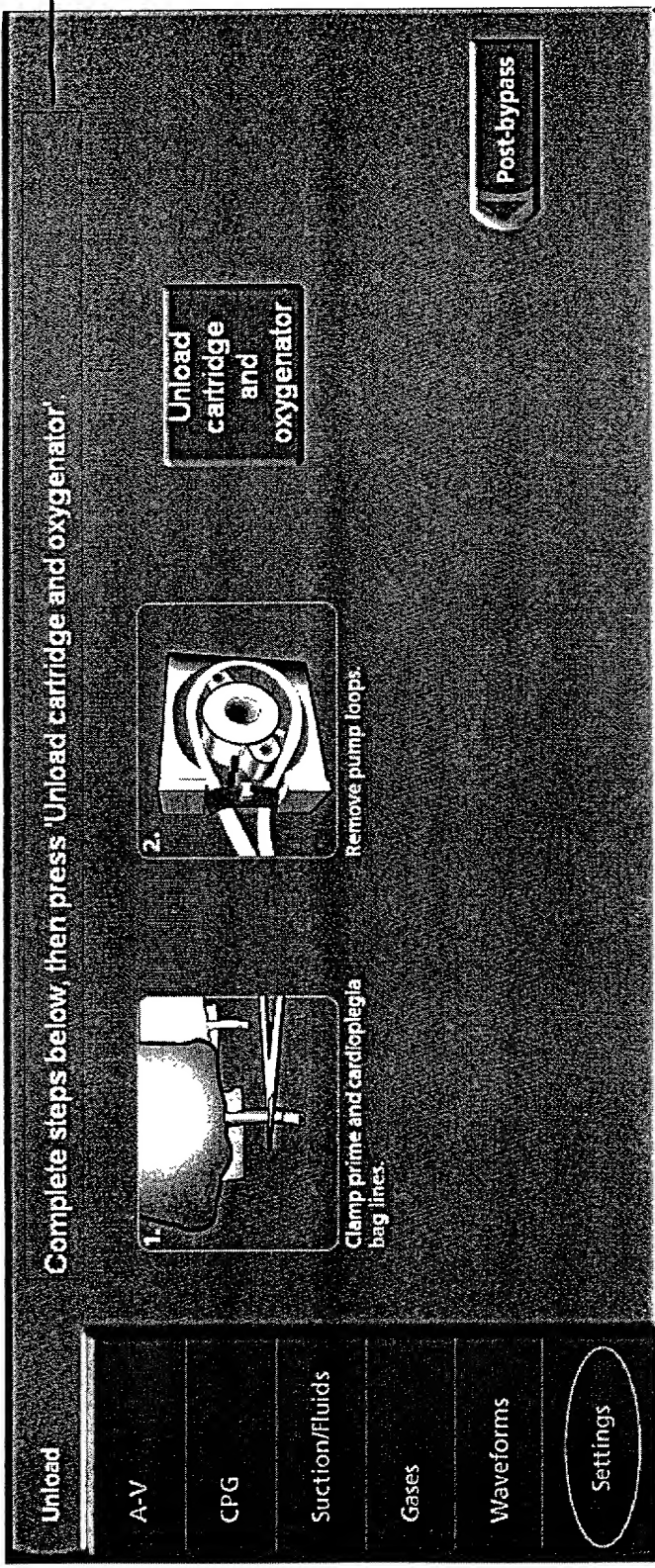


FIG. 30k

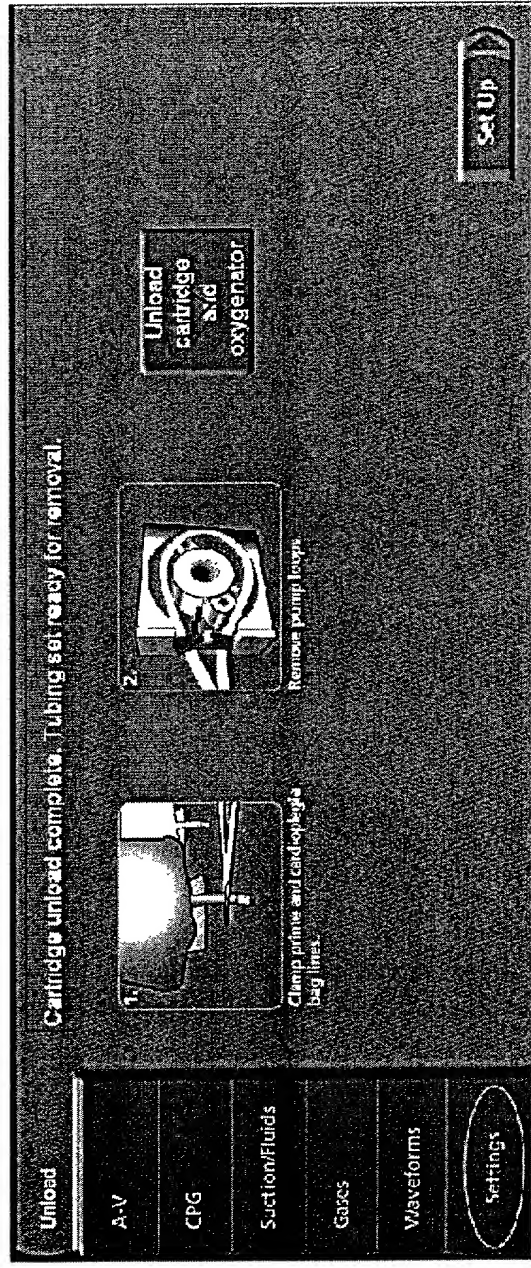
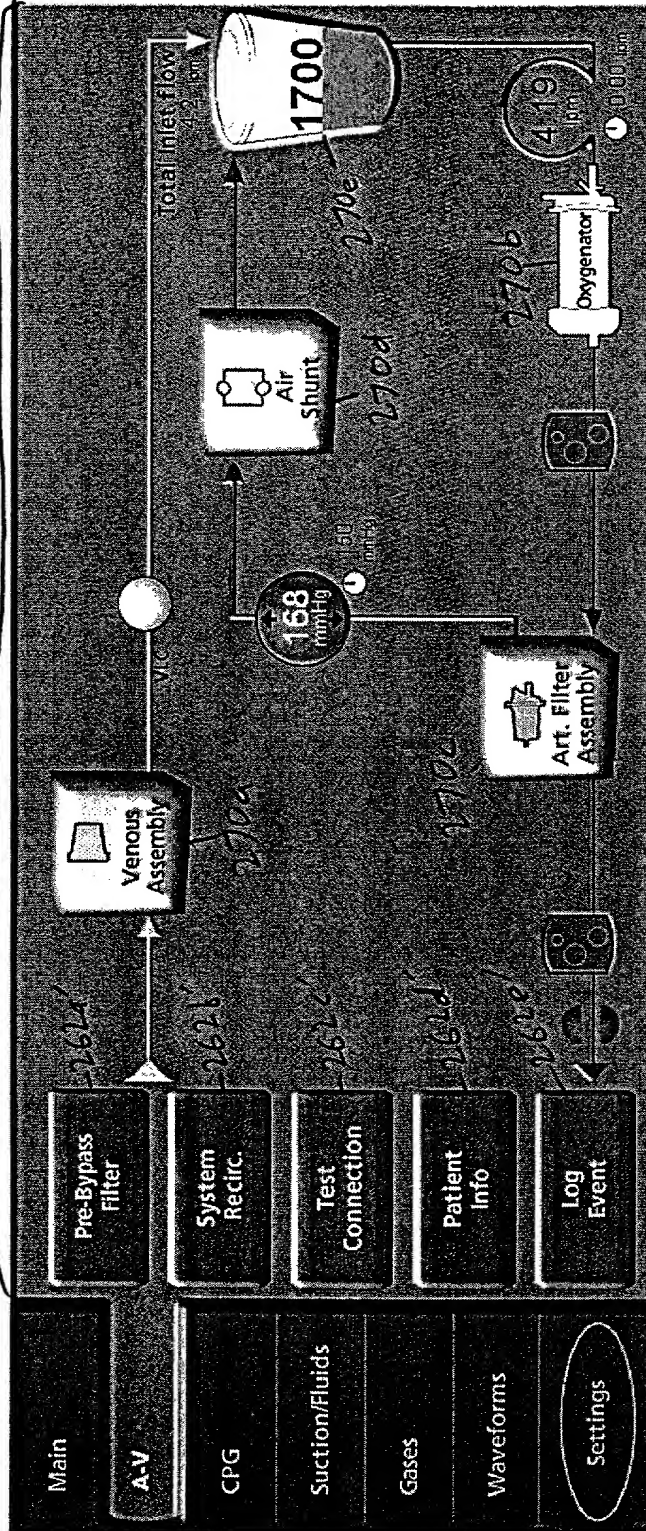


FIG. 30L



243



267

FIG 31A

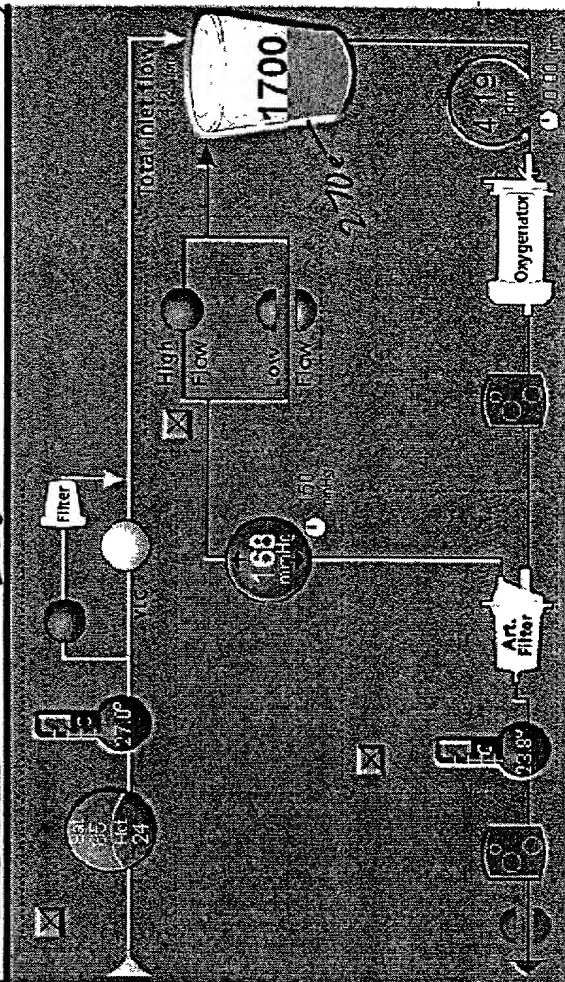


FIG. 31B



272

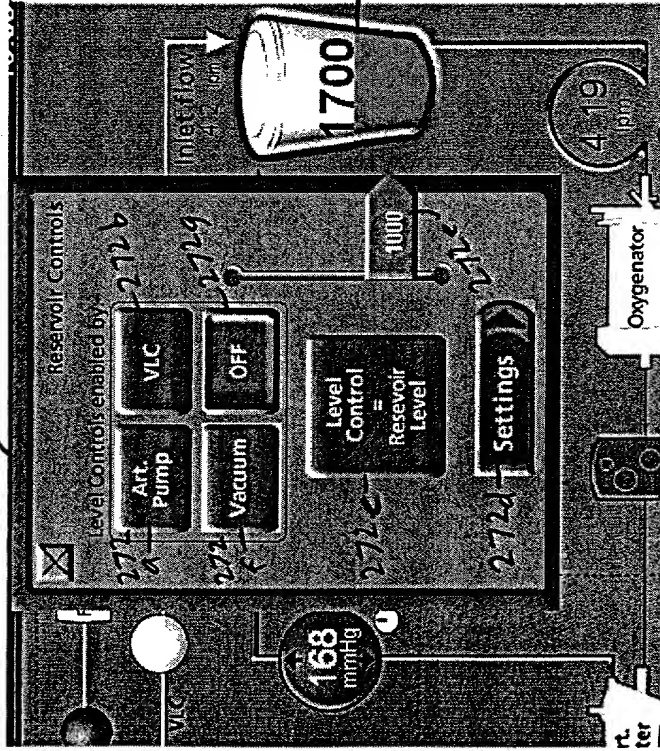


FIG. 31C

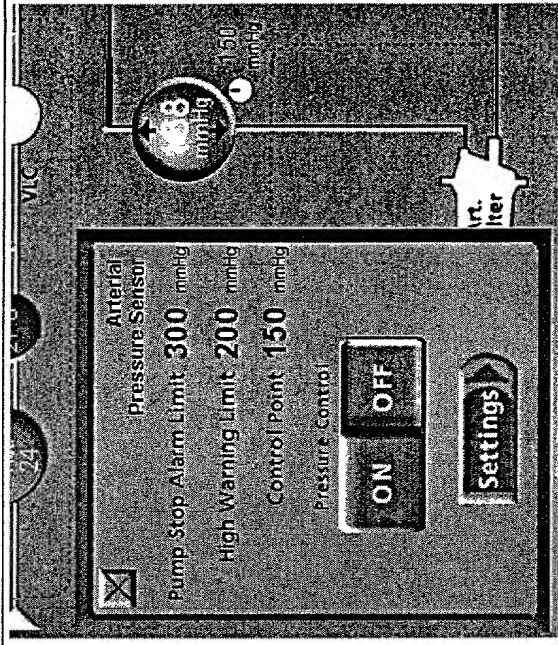


FIG. 31D

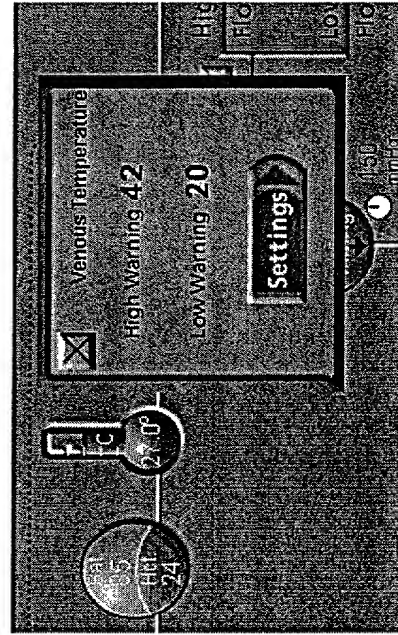


FIG. 31E

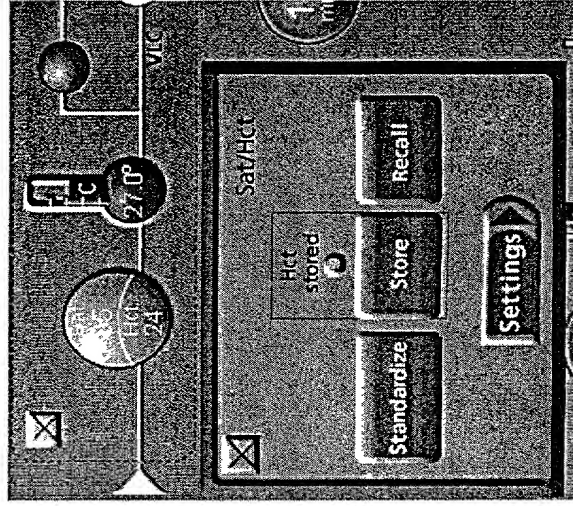


FIG. 31F

267

268

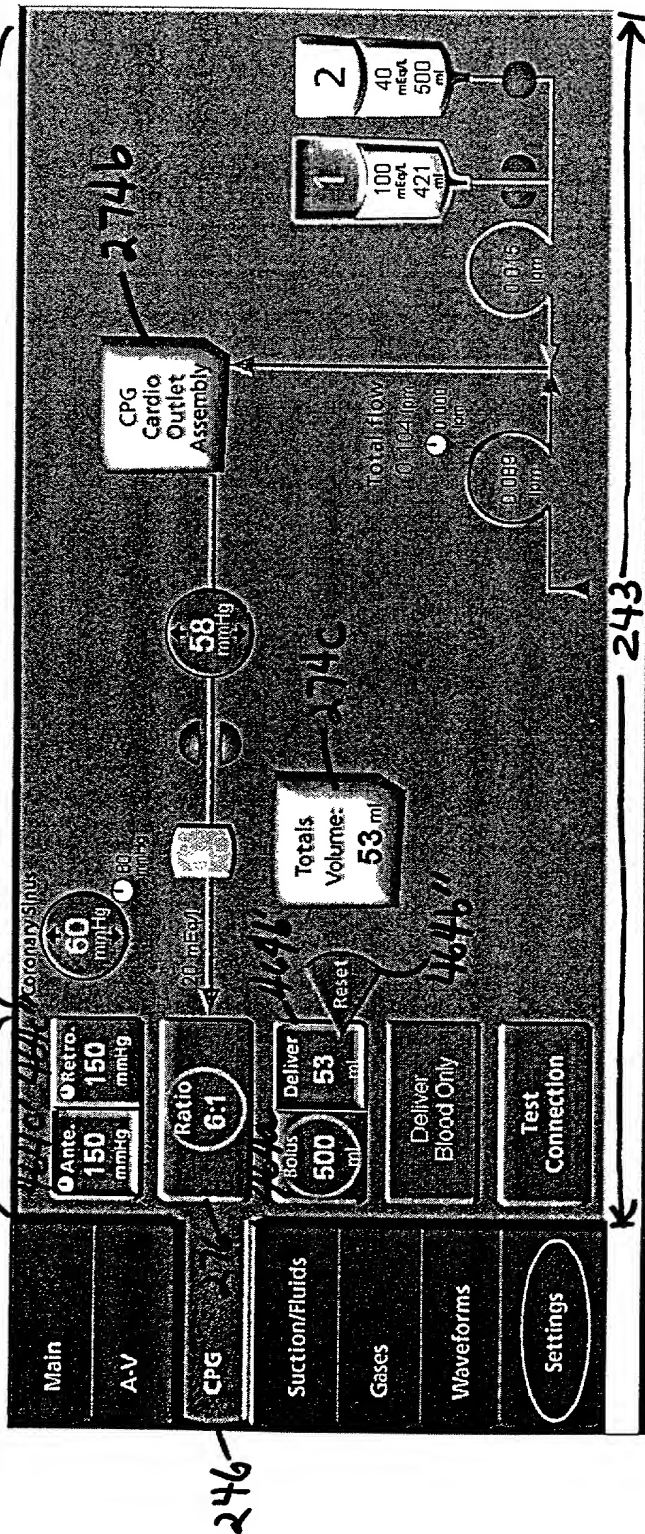
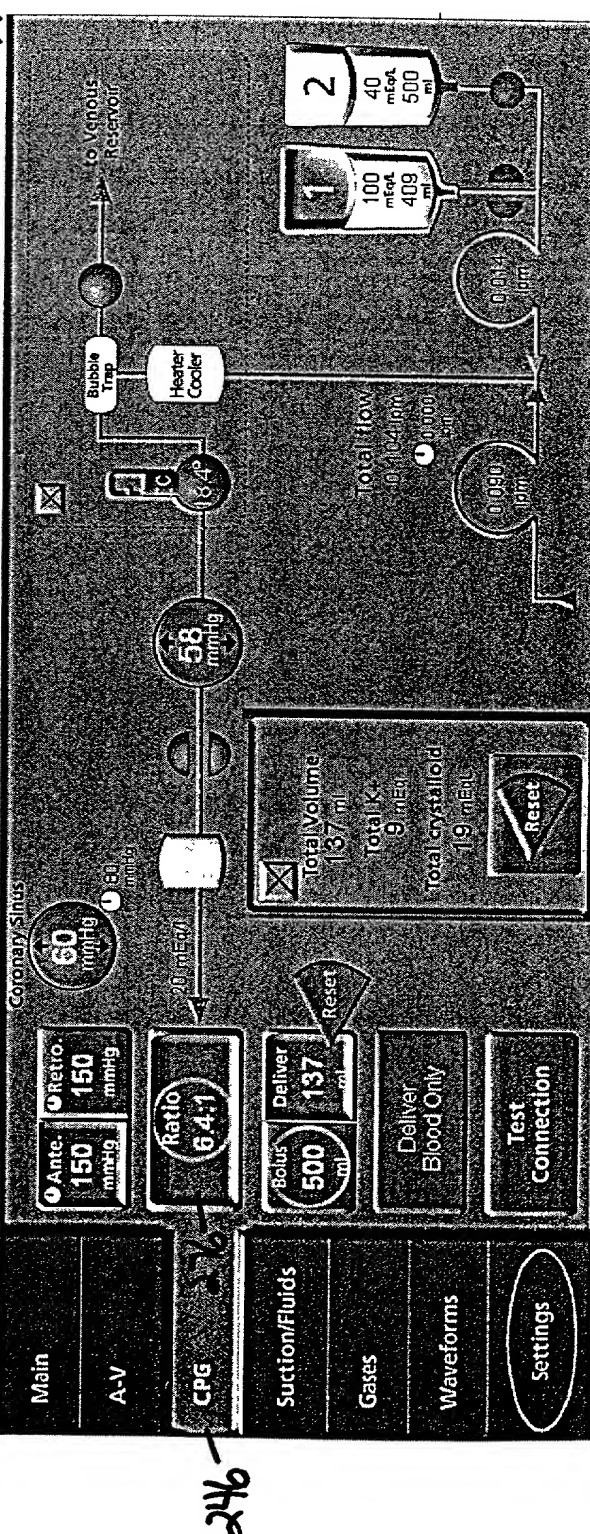
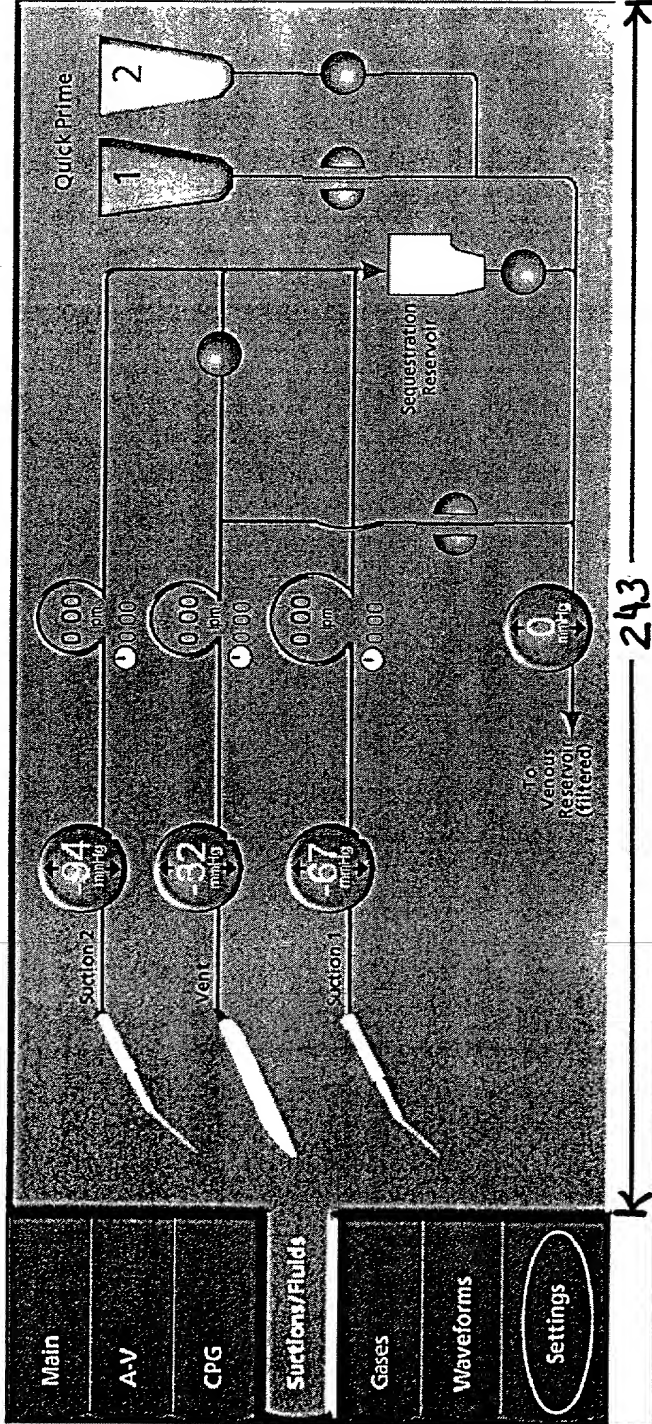


FIG. 32B

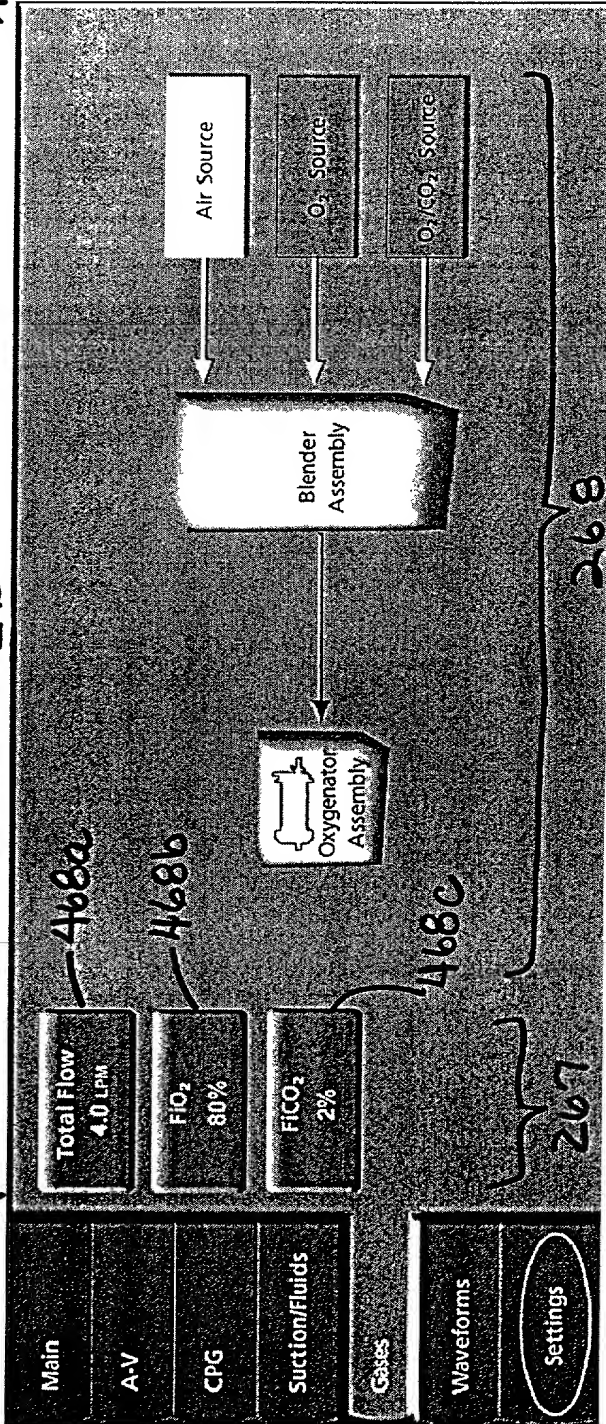






248

FIG. 32C

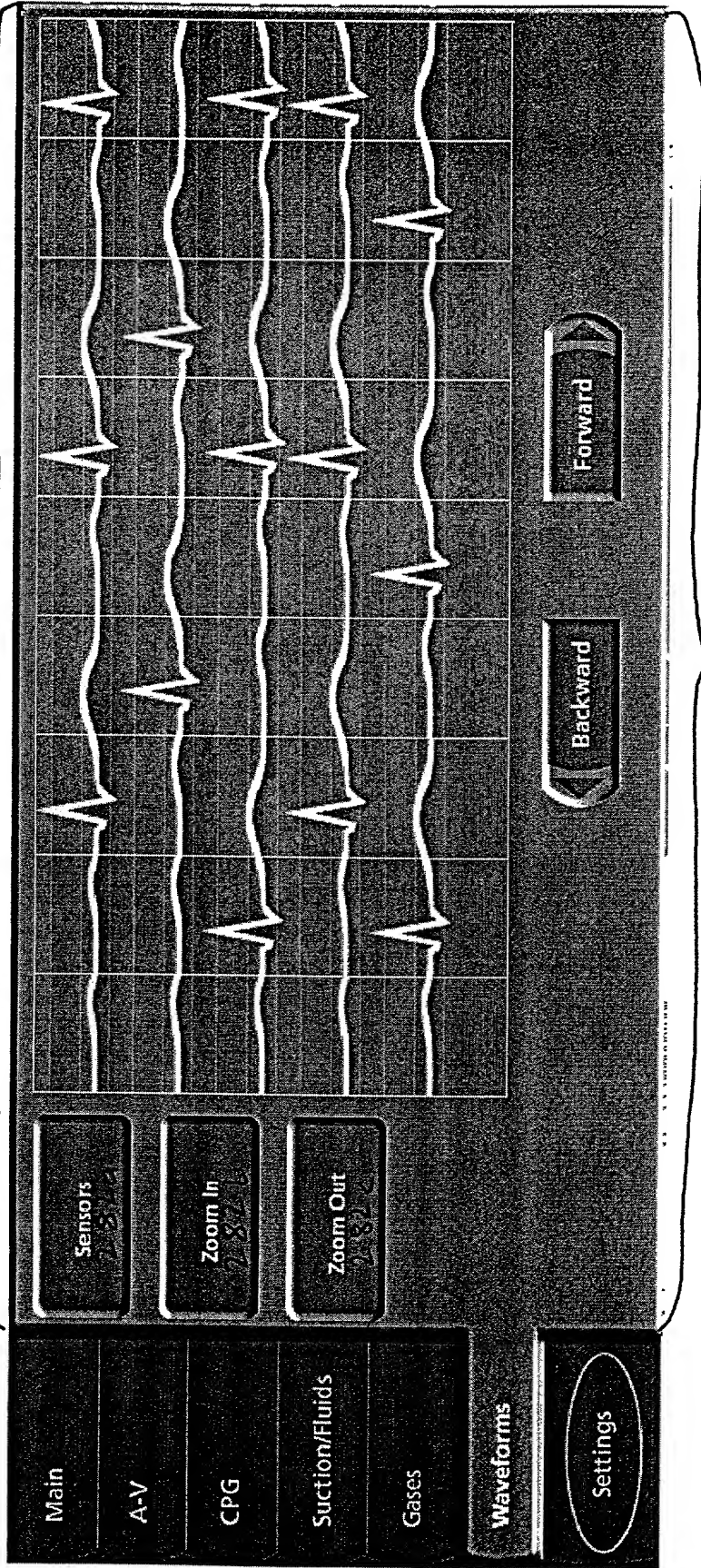


250

FIG. 32D

267

268



252

243

FIG. 32E

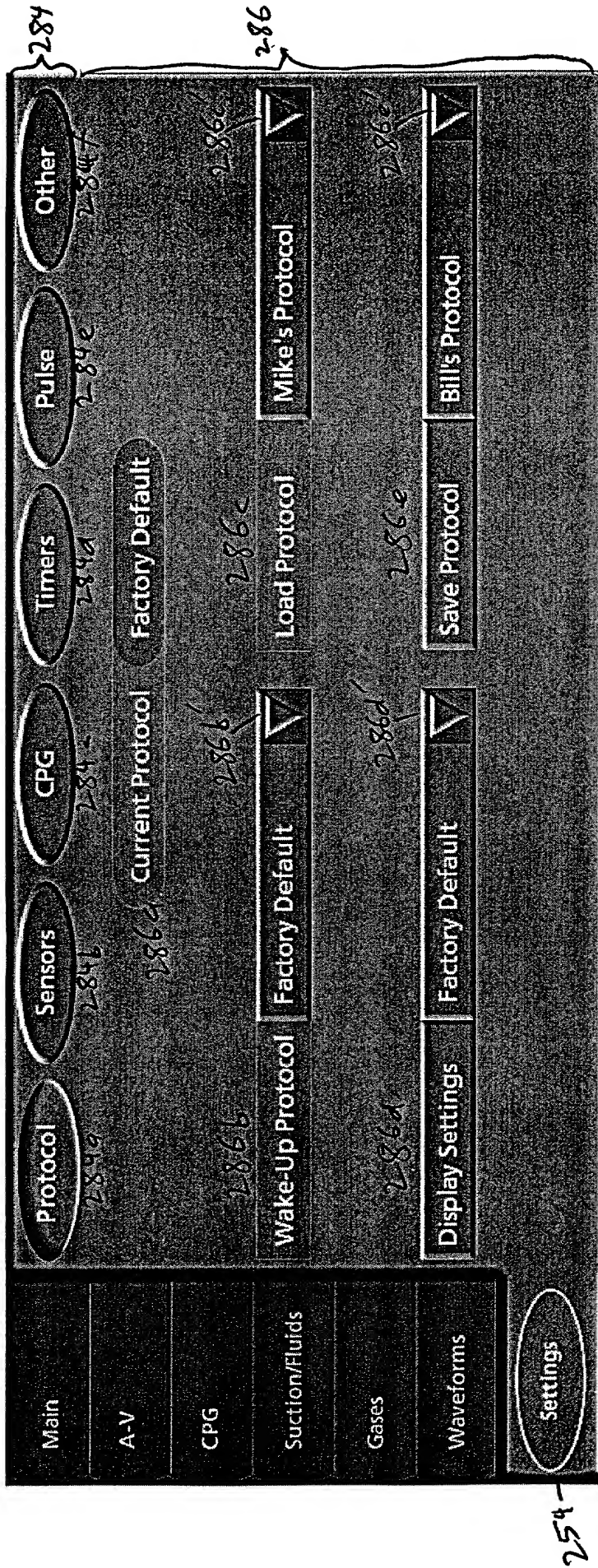


FIG. 33A



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Main	Protocol	Sensors	CPG	Timers	Pulse	Other
A-V						
CPG	Air Detectors	Bubble Sensor 1	Blender / Gas	Blender		
Suction/Fluids	Pressure Sensors	Arterial Line	Temp. Sensors	Venous		
Gases	Level Detectors	Continuous Sensor	SAT / HCT	Warning Limits		
Waveforms						
	Settings					

FIG. 33B

Air Detectors	Bubble Sensor 1	
	Bubble Sensor 1	✓
	Bubble Sensor 2	
Pressure Sensors	CPG Bubble Detector	

FIG. 33c

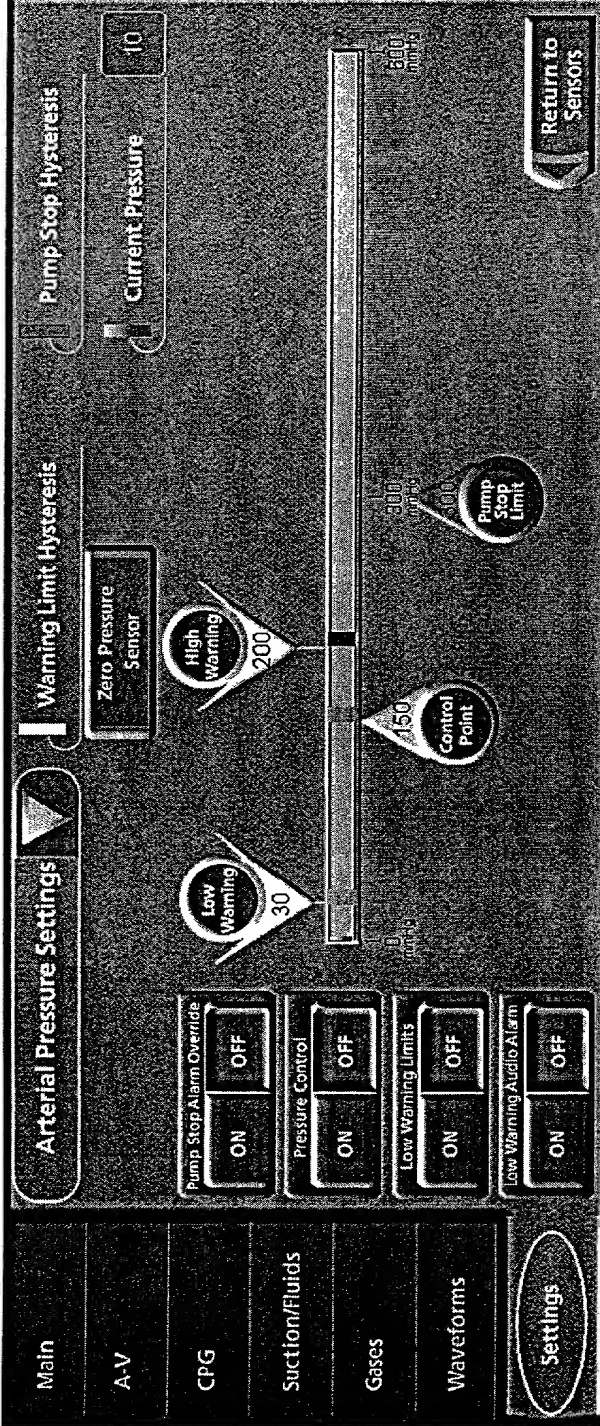


FIG.  
33D

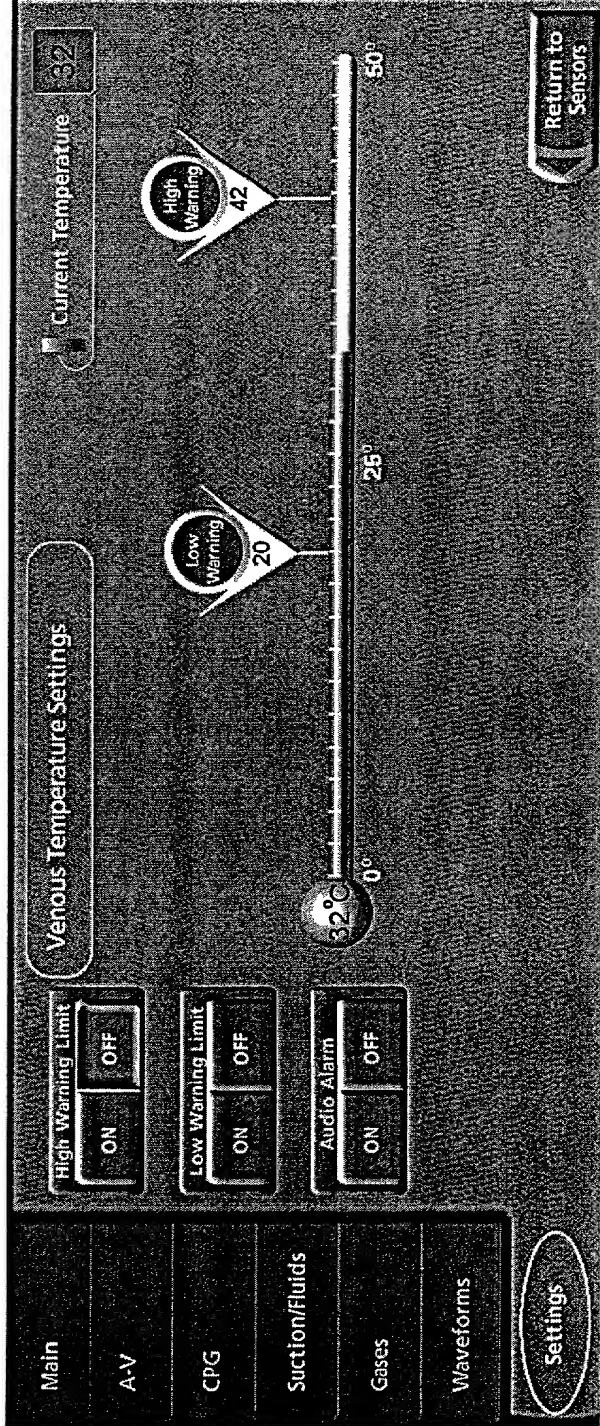


FIG.  
33E

Main	Protocol		Sensors		CPG		Timers		Pulse		Other	
A-V	Bag Low Warning Alarm ON OFF		Select & Modify Bag Presets		Bag 1 Preset 1 500 ml 100 mEq/L Modify		Preset 3 500 ml 100 mEq/L Modify		500 ml 100 mEq/L Modify			
CPG	Bag Low Audio Alarm ON OFF		Bag 2 Preset 2 500 ml 100 mEq/L Modify				Preset 4 500 ml 100 mEq/L Modify		500 ml 100 mEq/L Modify			
Suction/Fluids	Bag Empty Pump Stop ON OFF		Configure Bolus		Mode Volume		Bolus Count					
Gases	K+ High Warning Alarm ON OFF		Select Delivery		1 2		Antegrade Retrograde Crystallloid only Blood/Crystallloid					
Waveforms	K+ High Audio Alarm ON OFF											
Settings												

FIG. 33F